

LEDKOTE

ORNAMENTAL CAST-LEAD & STAMPED LEAD-COATED COPPER PRODUCTS



PRESENTED IN A USABLE FORM FOR
ARCHITECTS AND THEIR ASSOCIATES

LINK PAGE]

CCA

LEDKOTE PRODUCTS COMPANY

DESIGNERS AND MANUFACTURERS OF

ORNAMENTAL STAMPED LEAD-
COATED COPPER PRODUCTS
ARCHITECTURAL CAST LEAD
WORK, LEAD-COATED
SHEET COPPER



OFFICES AND FACTORIES AT
36-29 TWENTY-THIRD ST., LONG ISLAND CITY, N. Y.
AND
128-130 SPRING ST., EVERETT, MASS.

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INTRODUCTION

WE wish to commend to the architect's consideration the ornamental cast-lead and lead-coated copper products illustrated herein which we are now in position to offer at prices so slightly above the cost of plain copper that they will be within the reach of every architect and owner for homes of modest size and for any moderately priced project.

The designs were carefully chosen, and the material and workmanship are of the finest type. The quality is precisely the same as that which has caused these products to be heretofore specified for the most expensive homes and public buildings.

Where dignity and character and richness of architectural effect are desired, the architect will find these lead products to be ideal. Weathered in the atmosphere, they take on a soft gray tone, which blends beautifully with other exterior finishes and imparts to them a rich, seasoned appearance.

In order to make possible a wider use of these decorative cast-lead and lead-coated copper products, we have priced them very close to cost.

Although variations in the metal market do not permit us to print a price list herein, we will be very glad to consult with the architect and submit estimates on his requirements.

Architects who have been searching for some inexpensive means of "dressing up" the exteriors of their buildings will find an excellent answer in the following pages.

LEDKOTE CAST-LEAD LEADER HEADS AND STRAPS

CAST lead is the preferable material to use for leader heads and straps. When they are made of this material they have a decided appearance of solidity and do not show mitered joints, solder marks, and thin, raw edges such as are found when leader heads and straps are made of thin metals.

In order that the architect will be in a position to use cast lead for these parts, we have priced the following leader heads and straps exceedingly low.

Any of these leader heads can be supplied with round, rectangular, or square outlets of size to fit leader. Straps are always made to conform in size and scale with the dimensions of leader specified.

Ledkote cast-lead leader heads and straps are securely fastened to masonry construction by means of lead expansion plugs and lead-headed nails. In frame construction lead-coated bronze lag screws are used. These fastening devices are furnished with each order at no extra charge.

Leader heads of colonial design will be found on pages 11 and 12 — and will be immediately recognized by the architect doing this style of architecture as filling a void heretofore existing in offerings of leader-head designs.

LEDKOTE CAST-LEAD LEADER HEADS



No. 201

Width over ears, 11"
Height, 9"
Depth, 4 $\frac{3}{4}$ "



No. 202

Width over ears, 1'-0"
Height, 9"
Depth, 4 $\frac{1}{2}$ "

LEDKOTE CAST-LEAD LEADER HEADS



No. 203

Width over ears, $11\frac{3}{4}$ "
Height, 8"
Depth, 4"



No. 204

Width over ears, 1'-0"
Height, $9\frac{1}{8}$ "
Depth, 4"

LEDKOTE CAST-LEAD LEADER HEADS



No. 206

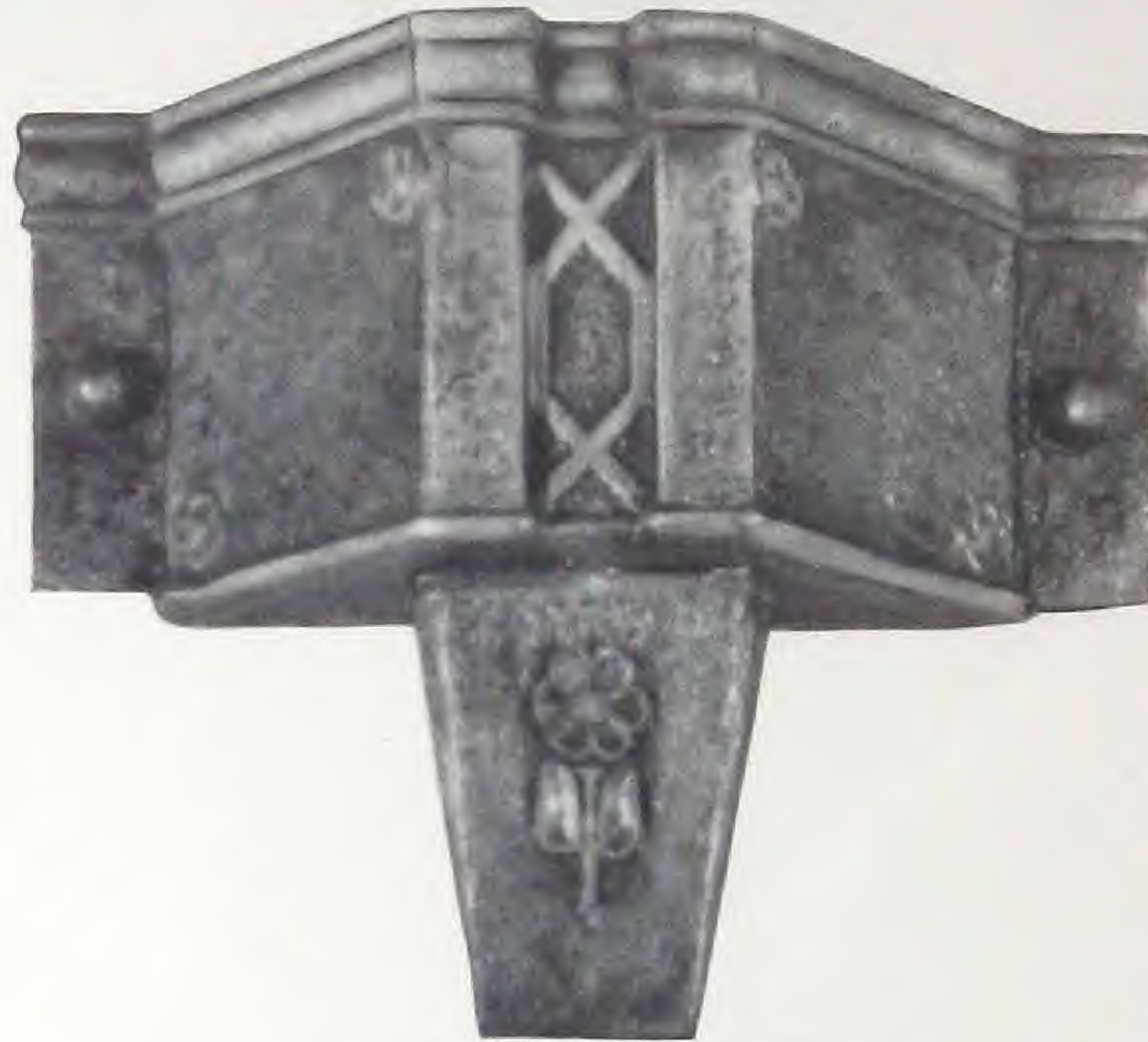
Width over ears, 1'-0 $\frac{1}{2}$ "
Height, 1'-2 $\frac{3}{4}$ "
Depth, 4 $\frac{1}{4}$ "



No. 207

Width over ears, 1'-7"
Height, 1'-3 $\frac{1}{2}$ "
Depth, 5 $\frac{1}{2}$ "

LEDKOTE CAST-LEAD LEADER HEADS



No. 208

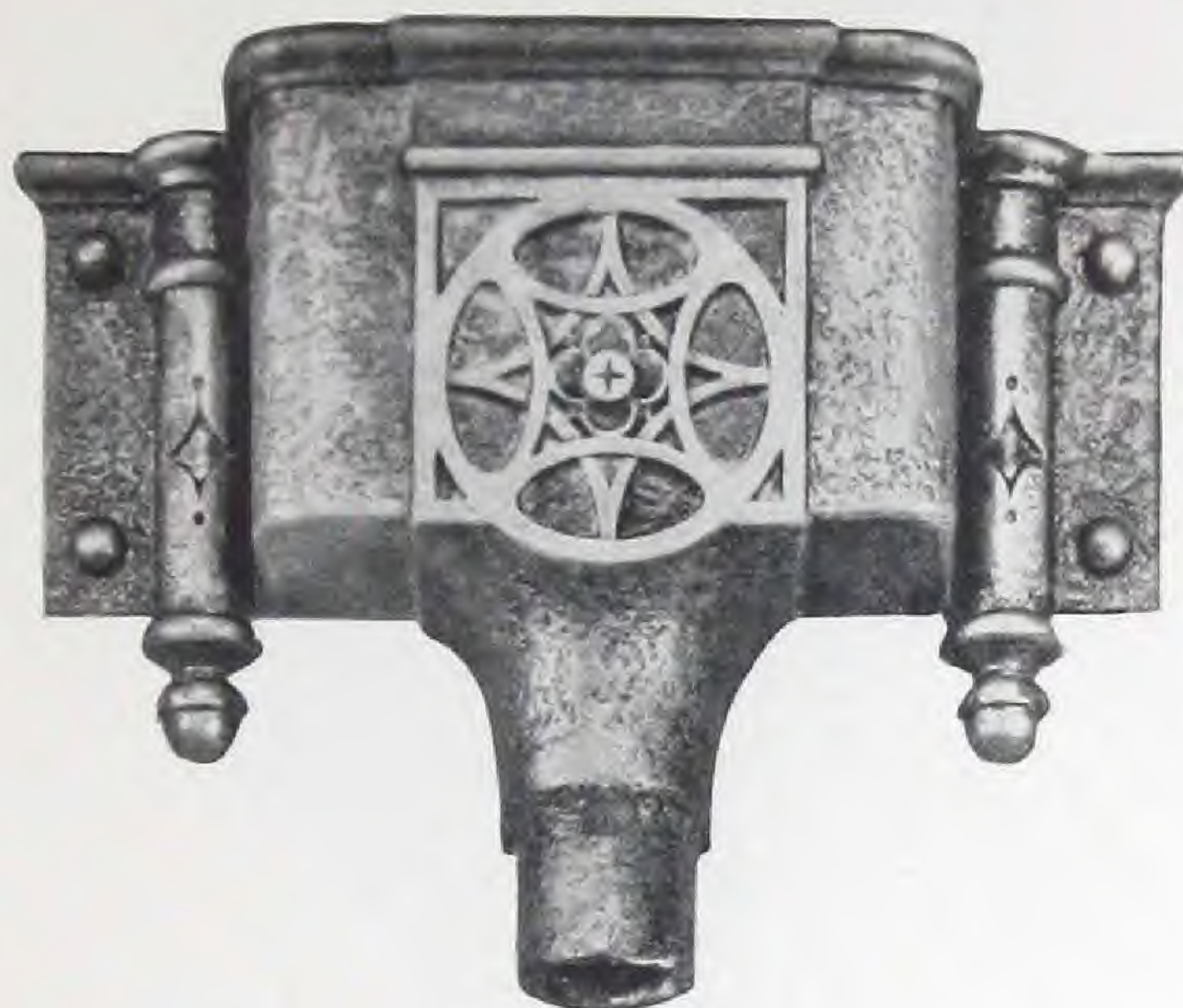
Width over ears, 1'-7"
Height, 1'-3½"
Depth, 5½"



No. 210

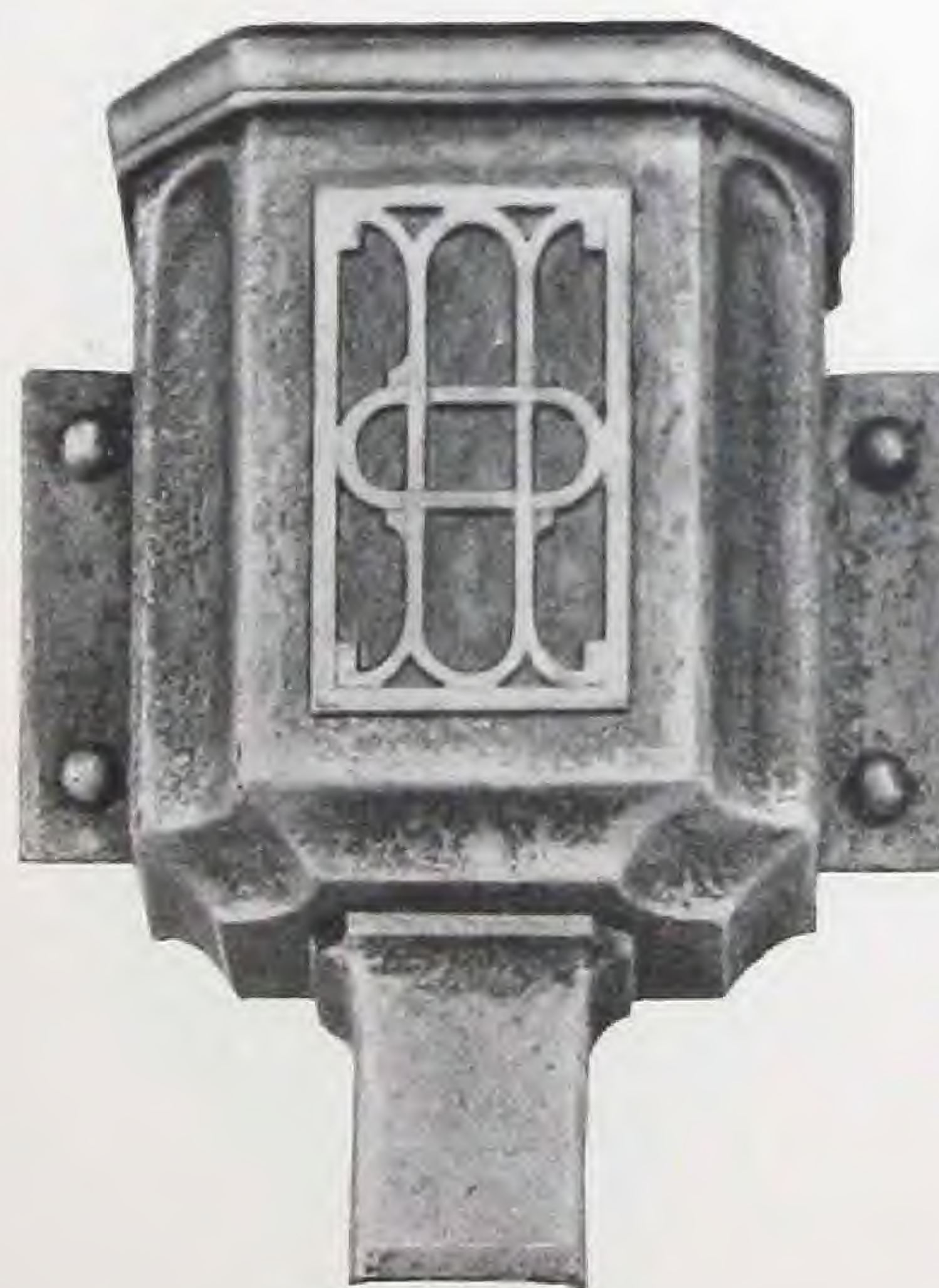
Width over ears, 1'-0½"
Height, 8"
Depth, 4½"

LEDKOTE CAST-LEAD LEADER HEADS



No. 211

Width over ears, 2'-11½"
Height, 1'-6¼"
Depth, 6⅝"



No. 212

Width over ears, 1'-4¾"
Height, 1'-7"
Depth, 8"

LEDKOTE CAST-LEAD LEADER HEADS



No. 213

Width over ears, $1'-10\frac{1}{2}"$
 Height, $1'-7\frac{1}{4}"$
 Depth, $5\frac{1}{2}"$



No. 214

Width over ears, $1'-4\frac{1}{4}"$
 Height, $11\frac{3}{4}"$
 Depth, $10\frac{3}{4}"$

LEDKOTE CAST-LEAD LEADER HEADS



Width, 1'-0 $\frac{1}{4}$ "
Height, 1'-6 $\frac{1}{2}$ "
Depth, 6"

No. 215



Width, 10"
Height, 1'-6 $\frac{1}{2}$ "
Depth, 6"

No. 216

LEDKOTE CAST-LEAD LEADER HEADS



Width, 1'-0"
Height, 1'-6½"
Depth, 7¼"

No. 217



Width, 1'-6"
Height, 10¾"
Depth, 6"

No. 218

LEDKOTE CAST-LEAD LEADER HEADS



Width over ears, 1'-3½"
Height, 1'-3½"
Depth, 4½"

No. 220



Width over ears, 1'-3½"
Height, 1'-3½"
Depth, 4½"

No. 221

LEDKOTE CAST-LEAD LEADER HEADS



No. 223

Width over ears, 1'-6 $\frac{1}{4}$ "
Height, 9 $\frac{5}{8}$ "
Depth, 4 $\frac{1}{2}$ "



Width over ears, 1'-4 $\frac{1}{4}$ "
Height, 1'-10 $\frac{1}{4}$ "
Depth, 5 $\frac{1}{2}$ "

No. 227

LEDKOTE CAST-LEAD LEADER HEADS



No. 229

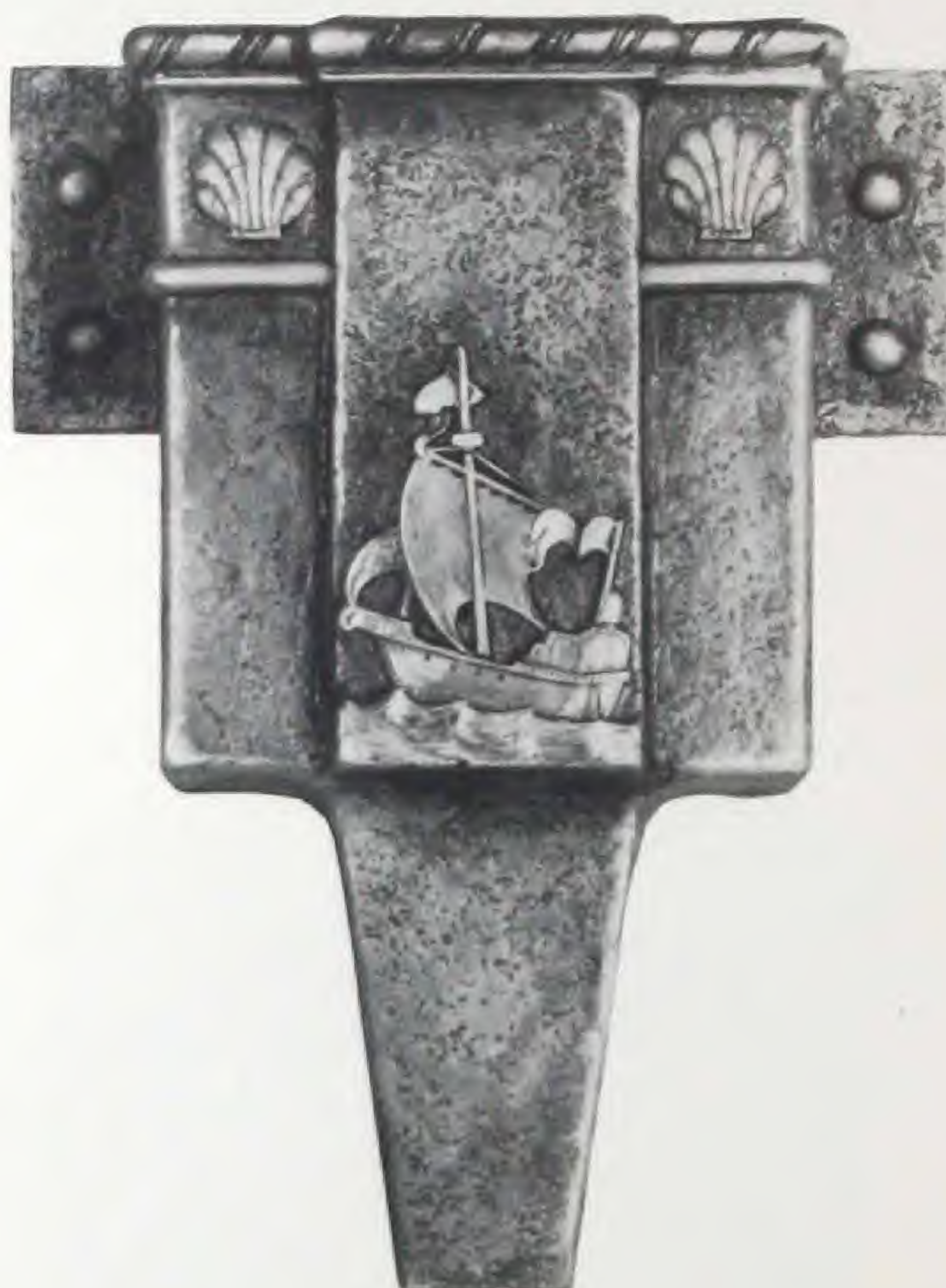
Width over ears, 1'-0 $\frac{1}{2}$ "
Height, 8"
Depth, 4 $\frac{1}{2}$ "



No. 230

Width over ears, 1'-0 $\frac{1}{2}$ "
Height, 9 $\frac{1}{2}$ "
Depth, 4 $\frac{1}{2}$ "

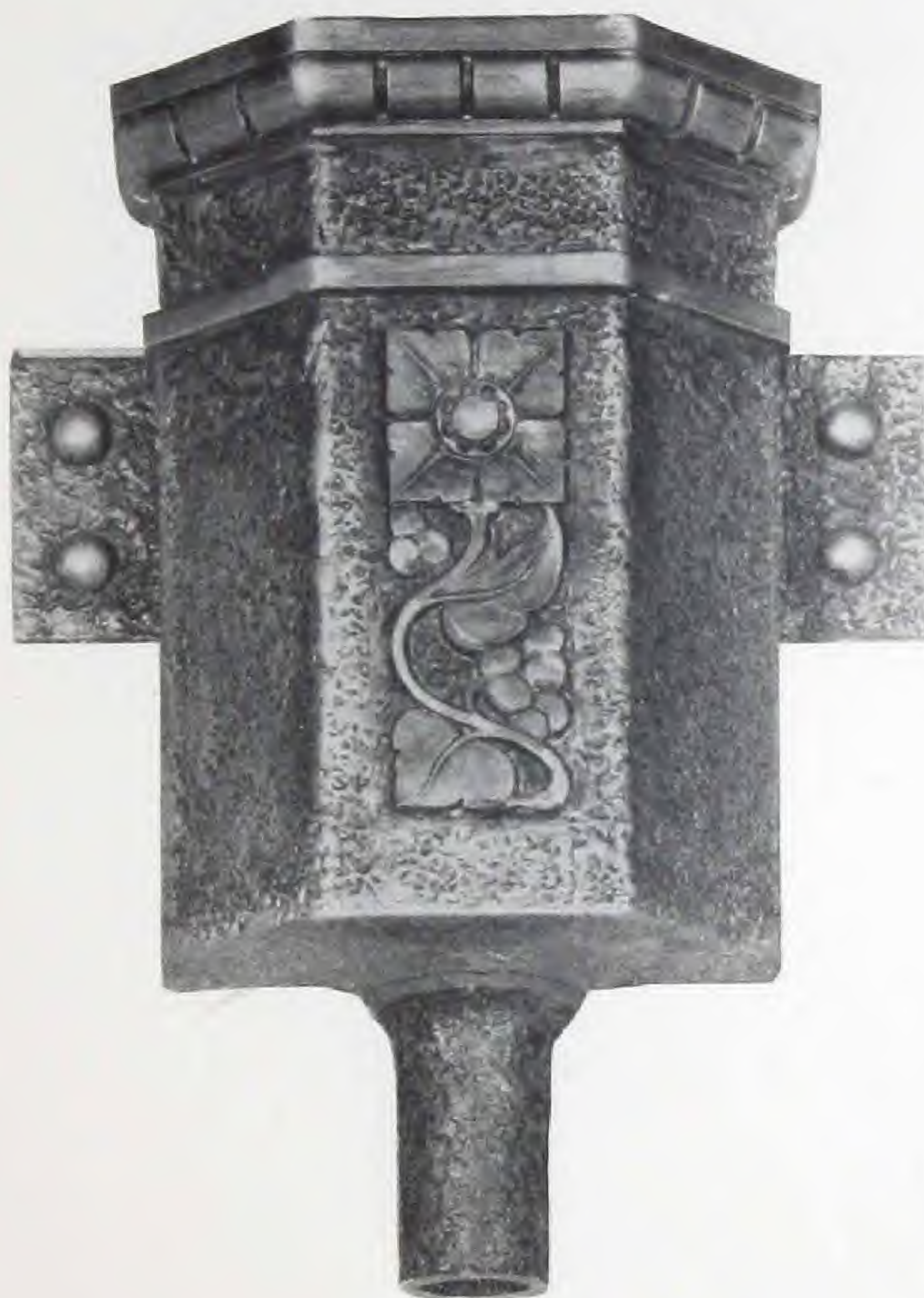
LEDKOTE CAST-LEAD LEADER HEADS



No. 209

Width over ears, 1'-3½"
Height, 2'-0"
Depth, 6½"

LEDKOTE CAST-LEAD LEADER HEADS



No. 219

Width over ears, 1'-7 $\frac{1}{4}$ "
Height, 2'-1"
Depth, 6"

LEDKOTE CAST-LEAD LEADER HEADS



No. 222

Width over ears, 1'-4 $\frac{1}{4}$ "
Height, 1'-10"
Depth, 6"

LEDKOTE CAST-LEAD LEADER HEADS



No. 224

Width over ears, 1'-5½"
Height, 1'-7¼"
Depth, 6¼"

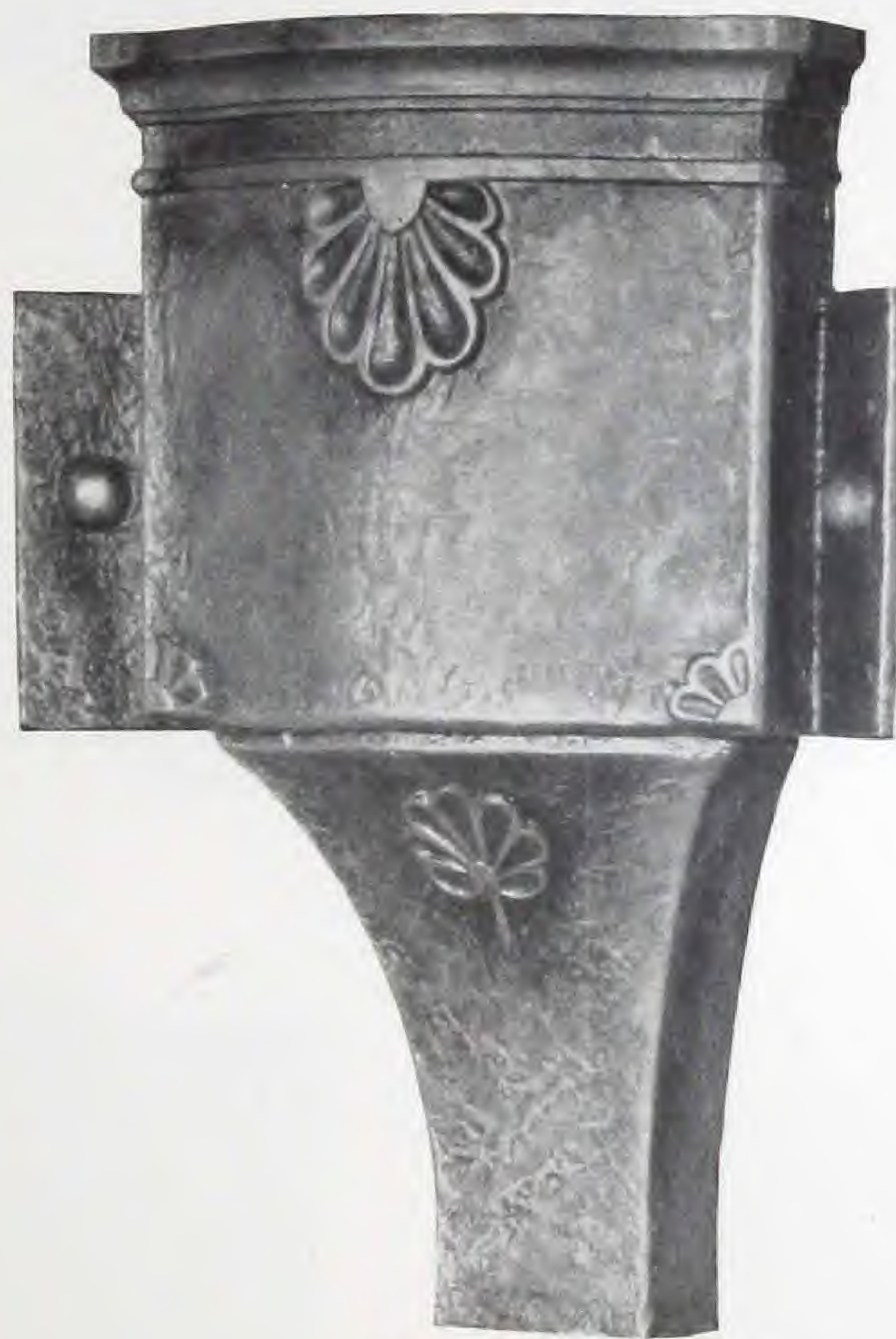
LEDKOTE CAST-LEAD LEADER HEADS



No. 225

Width of front over ears, 1'-4½"
Height, 1'-5"

LEDKOTE CAST-LEAD LEADER HEADS



No. 226

Width of front, 1'-0"
Height, 2'-3½"

LEDKOTE CAST-LEAD LEADER STRAPS



No. 402



No. 405



No. 407



No. 408



No. 423



No. 428



No. 429



No. 430

LEDKOTE CAST-LEAD LEADER STRAPS



No. 431



No. 432



No. 433



No. 434



No. 435



No. 436



No. 437



No. 438

LEDKOTE ORNAMENTAL STAMPED LEAD-COATED COPPER LEADERS AND GUTTERS

ALL of our stock design leaders and gutters receive an extra heavy coating of lead. This is the finest coating produced, and matches perfectly the texture of our cast-lead heads and straps. Inasmuch as no edges or joints are discernible on these parts after installation, our lead-coated copper leaders and gutters, when used in combination with cast-lead leader heads and straps, have the same appearance as cast lead.

Leaders can be furnished with either a 3", 4", or 5" front, and the depth can be determined by the architect to suit his requirements. Common sizes are 2" depth x 3" front, and 3" depth x 4" front.

Designs No. 536 and No. 537 are for round leaders, and diameter can vary as required by the building. Common sizes are 3" and 4" diameter.

It will be noted that certain leaders and gutters are of corresponding design, and the correct gutter to use to match a certain leader is indicated by the last two numbers—for example, No. 324 Gutter is of a design to correspond with No. 524 Leader.

Leader No. 518 and Gutter No. 318 are colonial in design.

Leader No. 531 and Gutter No. 331 are modernistic in character.

Gutter fronts measure approximately 5½", but can be made to special size, if job conditions or design demand it. Depth of gutter and back of gutter can vary from typical section shown on Detail Sheet, page 35, as necessary.

Sections of all gutters will be made to conform with that shown on Detail Sheet, page 35, unless otherwise specified.

We are also in a position to furnish any incidental requirements such as miters, returns, ends, etc.

We recommend that goosenecks and offset bends be made of cast lead, so that no seams or joints will be visible. Specification data on these parts will be found on page 38.

All lead-coated copper leaders and gutters are furnished in 8 ft. lengths.

If architect prefers that leaders and gutters be made of cast lead, we are in a position to furnish them, and they will be in 6 ft. lengths.

LEDKOTE STAMPED LEAD-COATED
COPPER LEADERS



No. 506



No. 508



No. 509



No. 518

LEDKOTE STAMPED LEAD-COATED
COPPER LEADERS



No. 523



No. 524



No. 531



No. 532

LEDKOTE STAMPED LEAD-COATED
COPPER LEADERS



No. 534



No. 536



No. 537



No. 538

LEDKOTE STAMPED LEAD-COATED
COPPER GUTTERS



No. 306



No. 308



No. 309



No. 318

LEDKOTE STAMPED LEAD-COATED
COPPER GUTTERS



No. 323



No. 324



No. 331



No. 332

LEDKOTE STAMPED LEAD-COATED
COPPER GUTTERS



No. 333



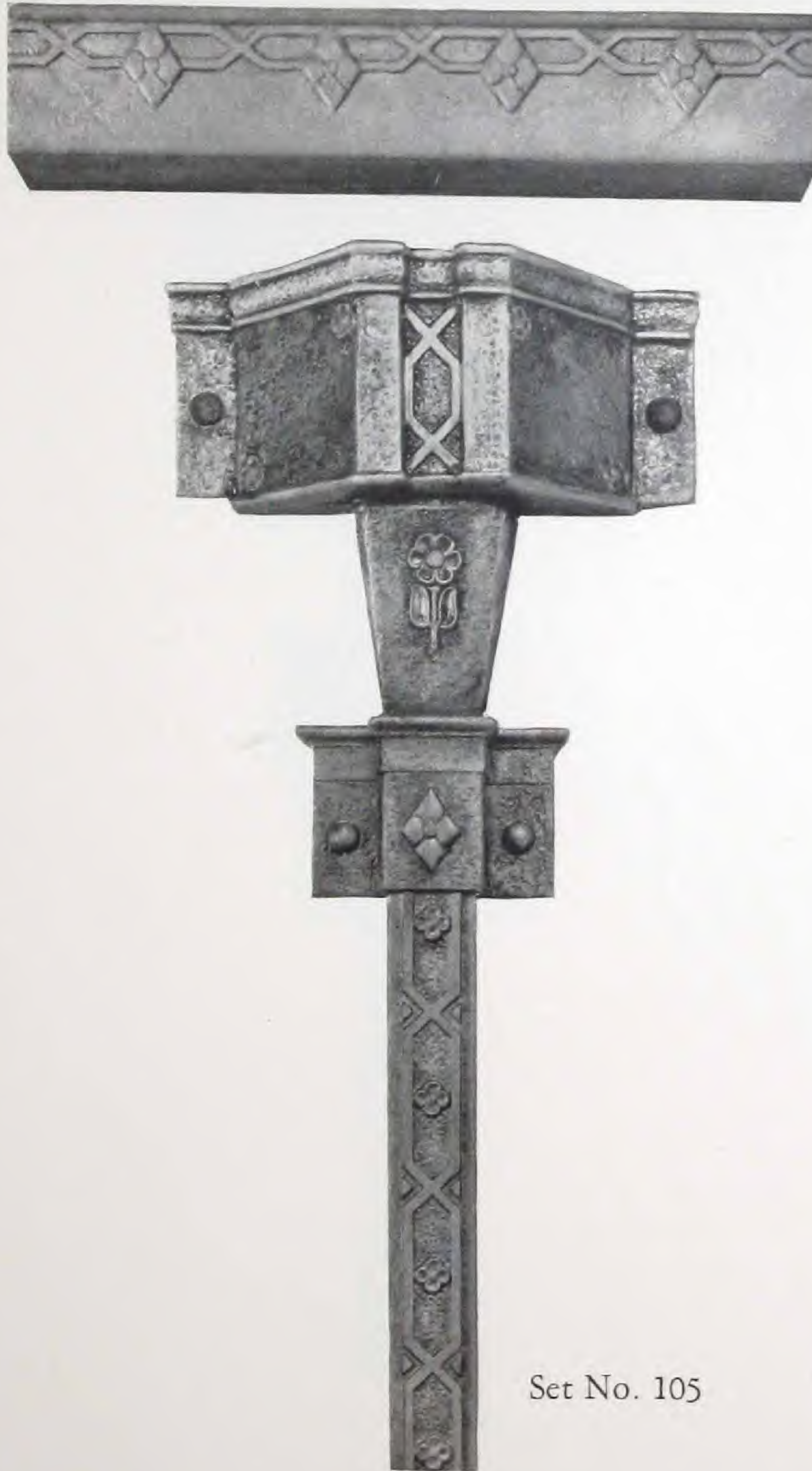
No. 334



No. 335

LEDKOTE COMBINATION SETS

IN the following pages it will be seen that some of the preceding designs may be arranged in sets consisting of leader, gutter, head, and strap of related design, and the architect may specify complete sets by number as indicated. By specifying complete sets the architect may feel assured of maintaining the same character and scale of ornament.



Set No. 105

LEDKOTE COMBINATION SETS



Set No. 108

LEDKOTE COMBINATION SETS

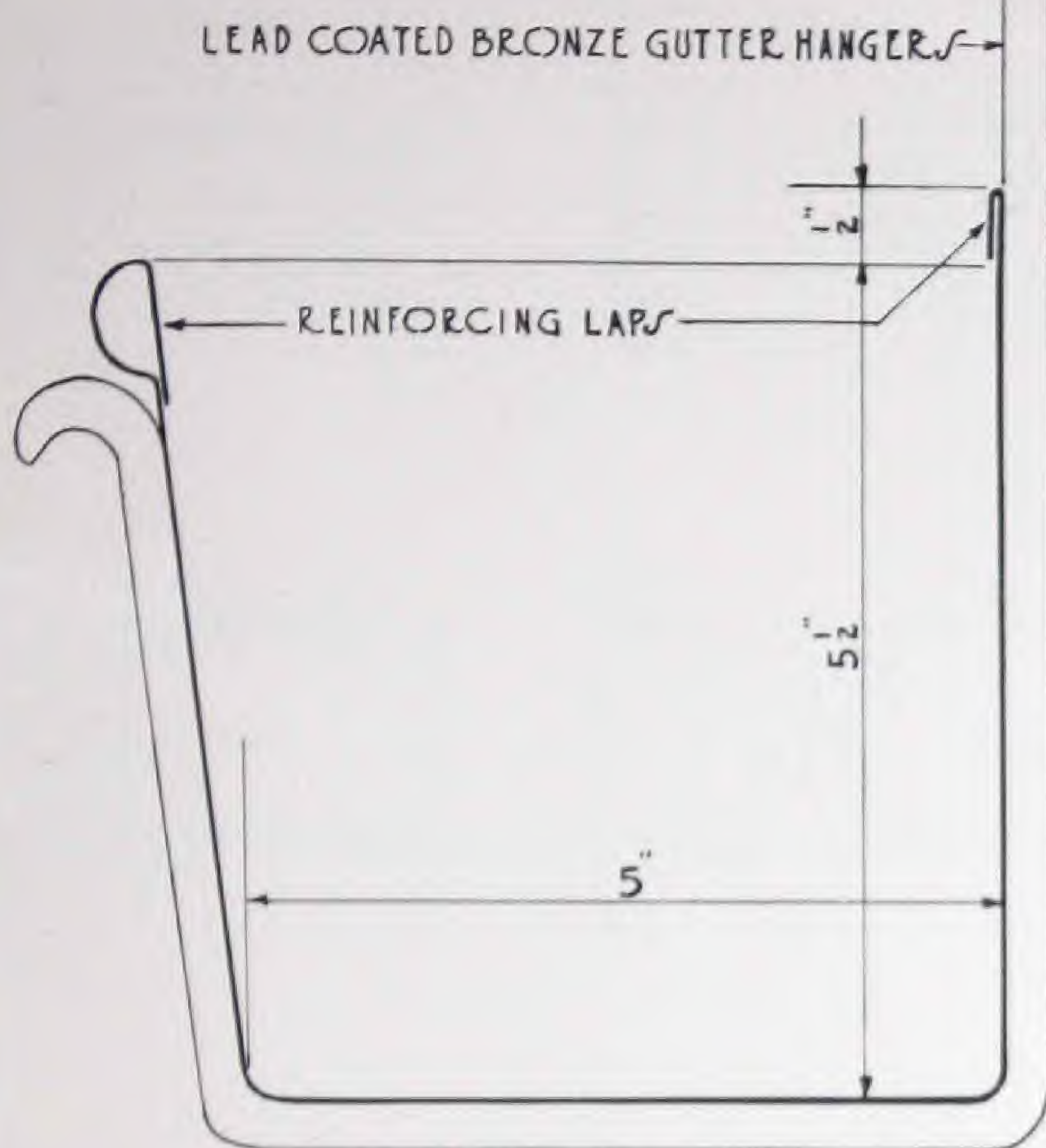


Set No. 109

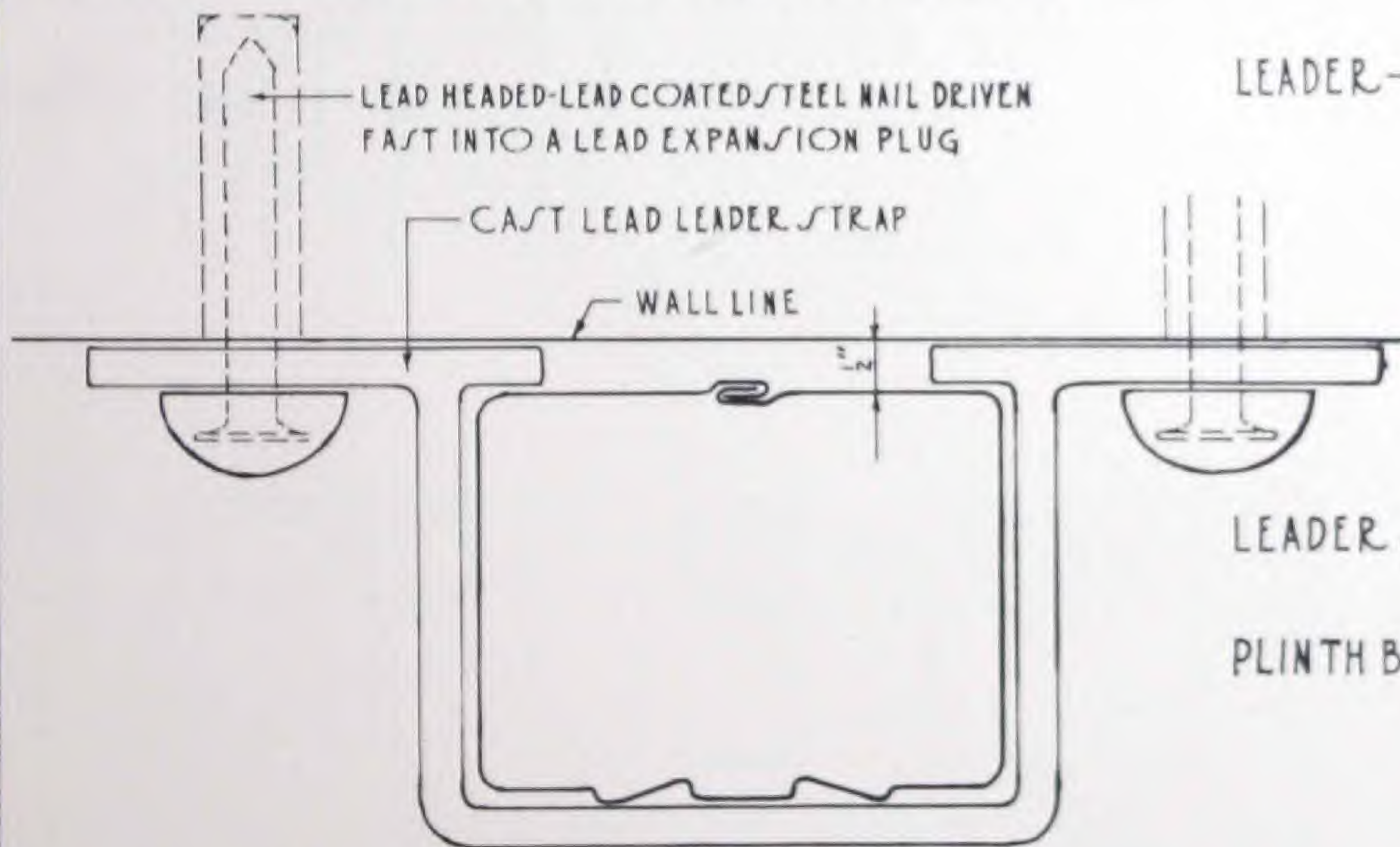
LEDKOTE COMBINATION SETS



Set No. 124



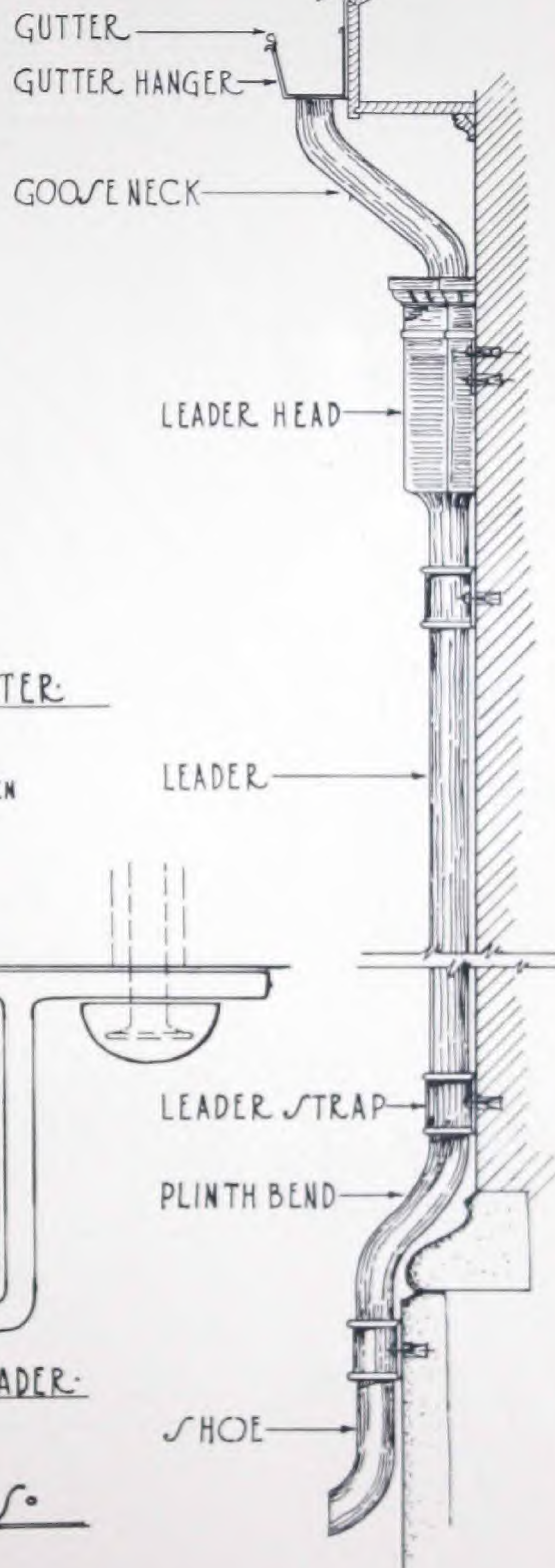
TYPICAL SECTION OF L.C. COPPER GUTTER

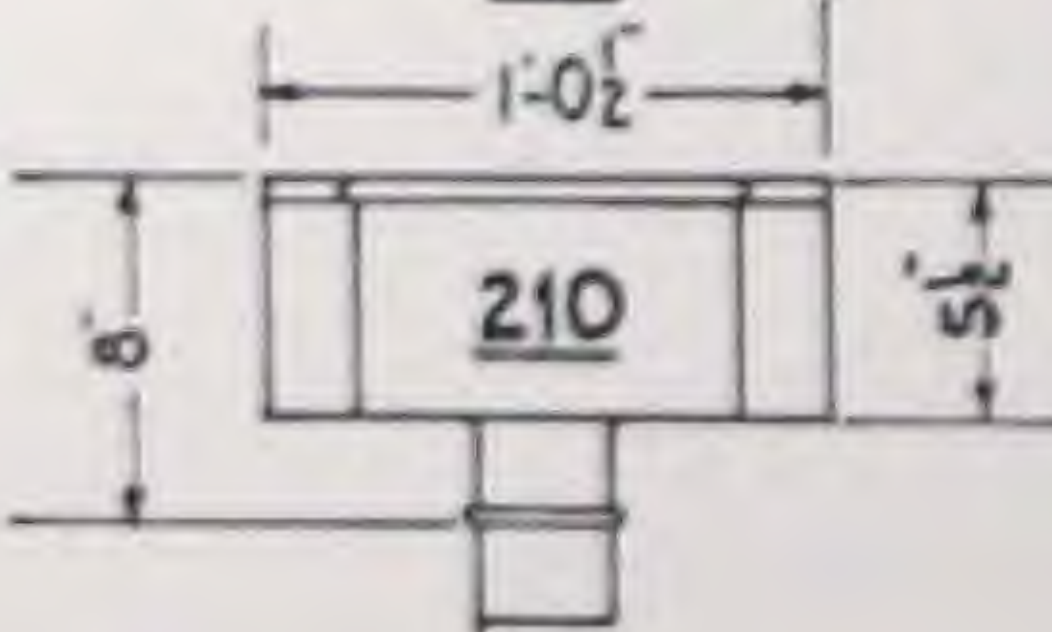
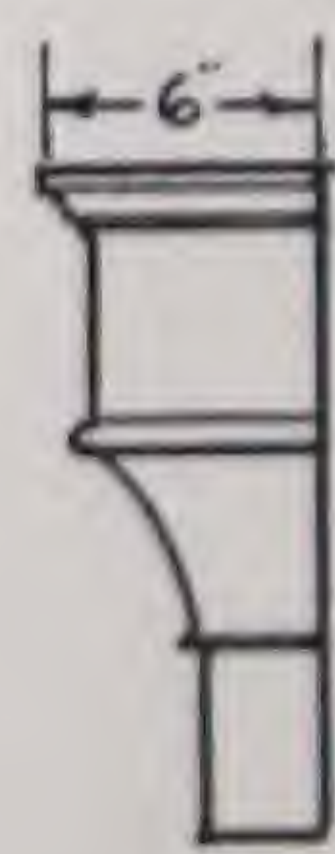
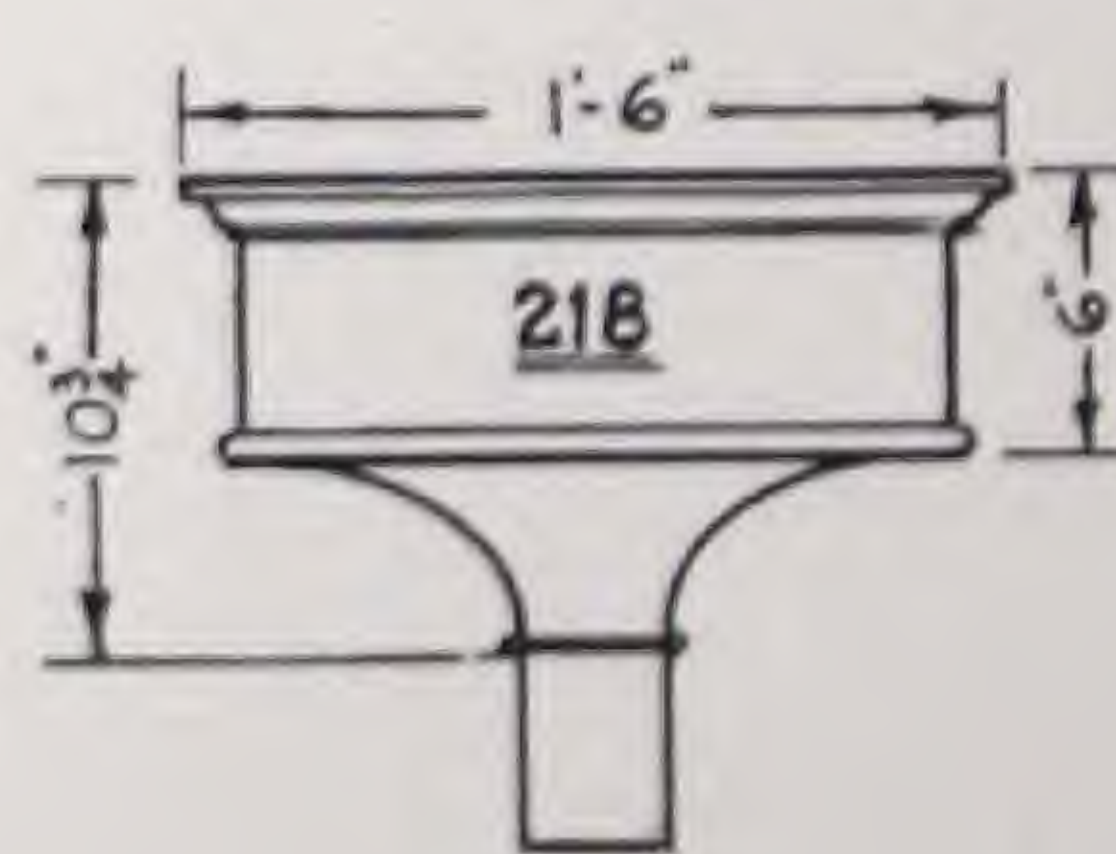
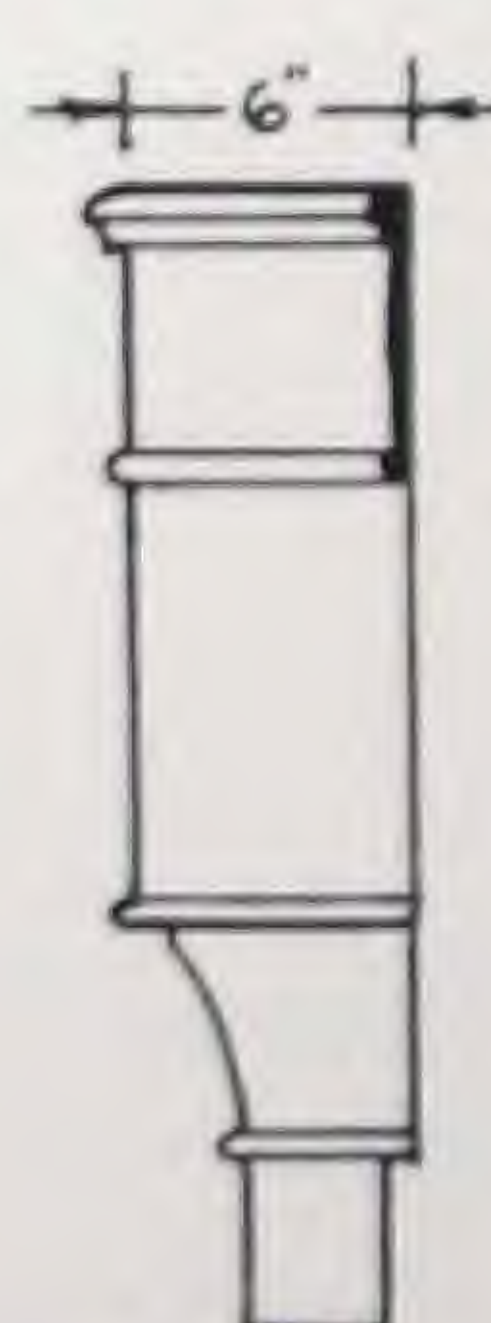
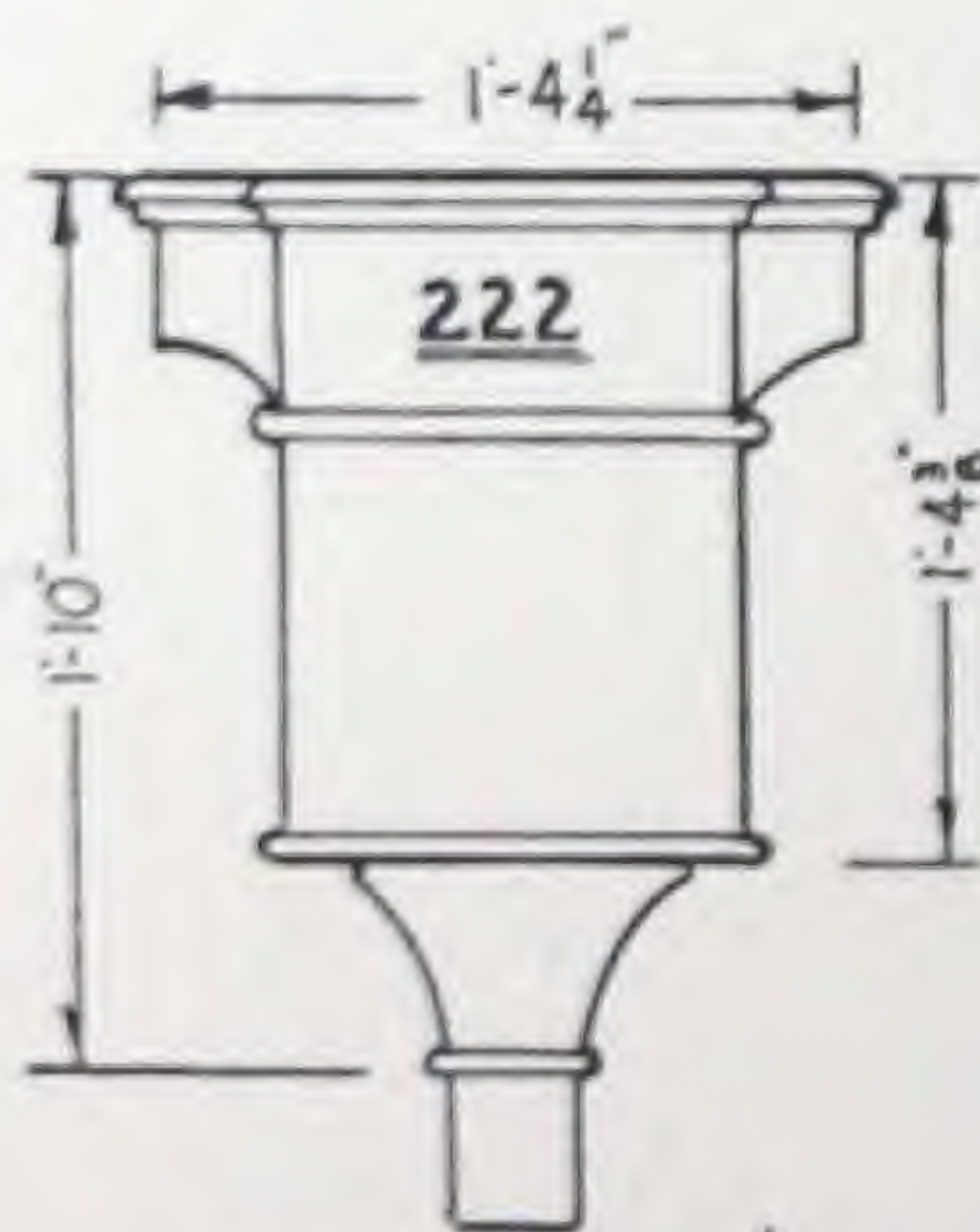
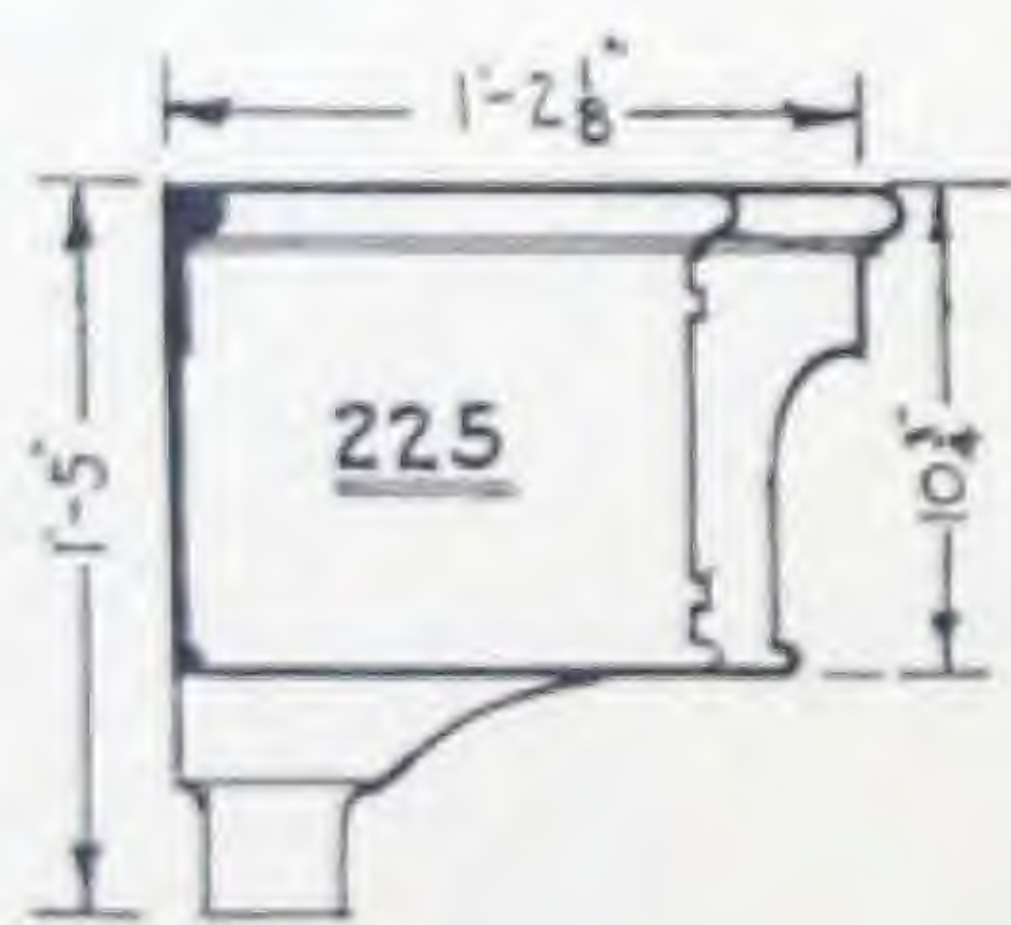
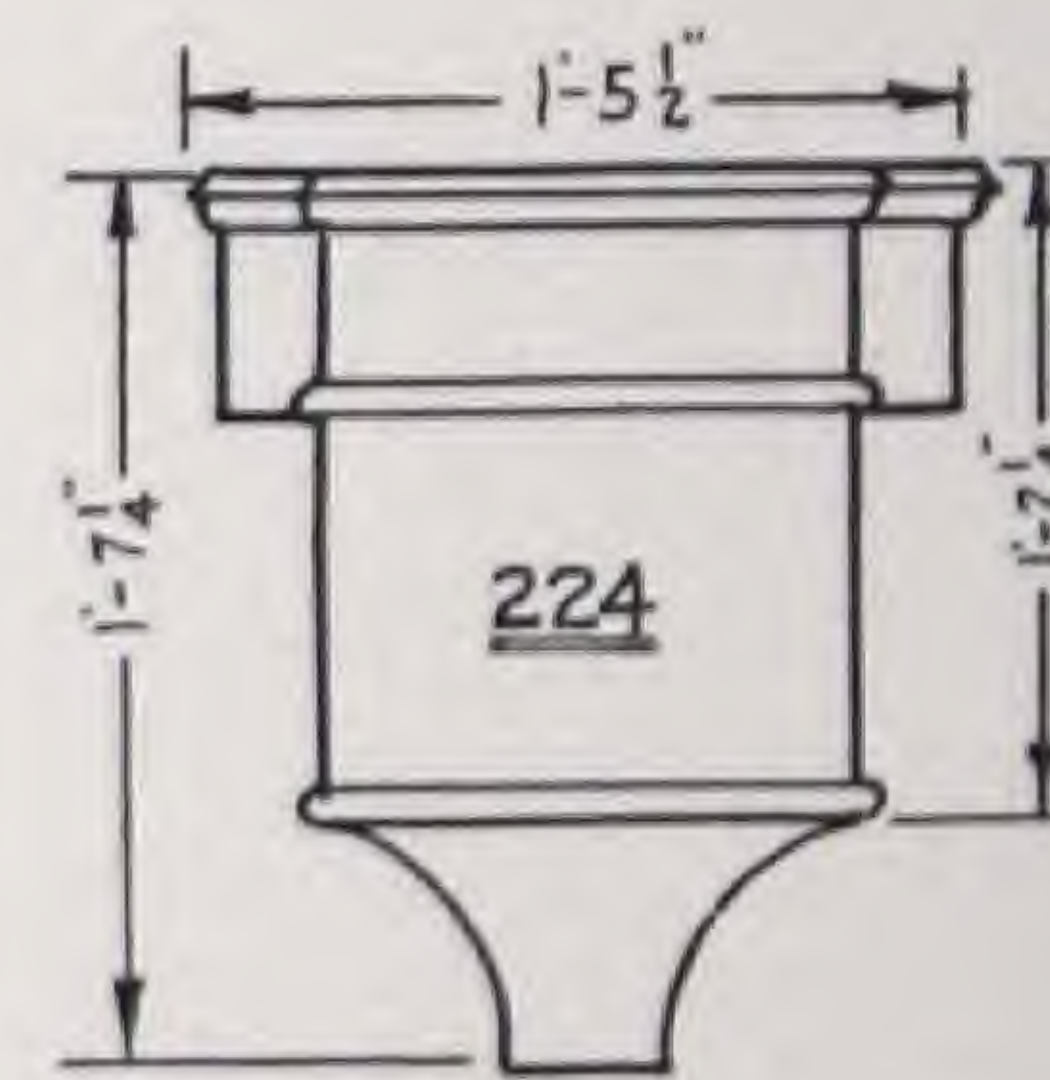
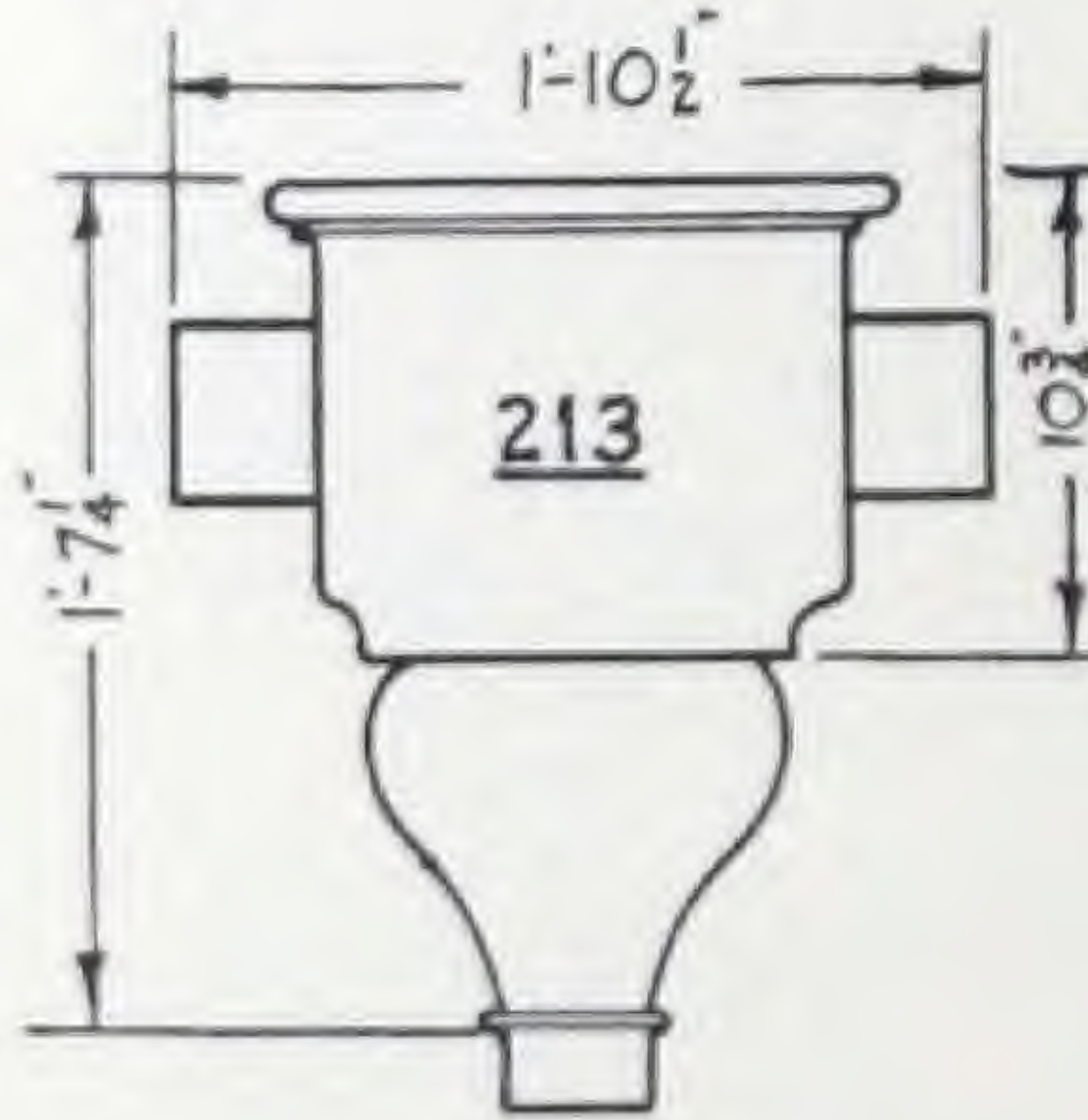
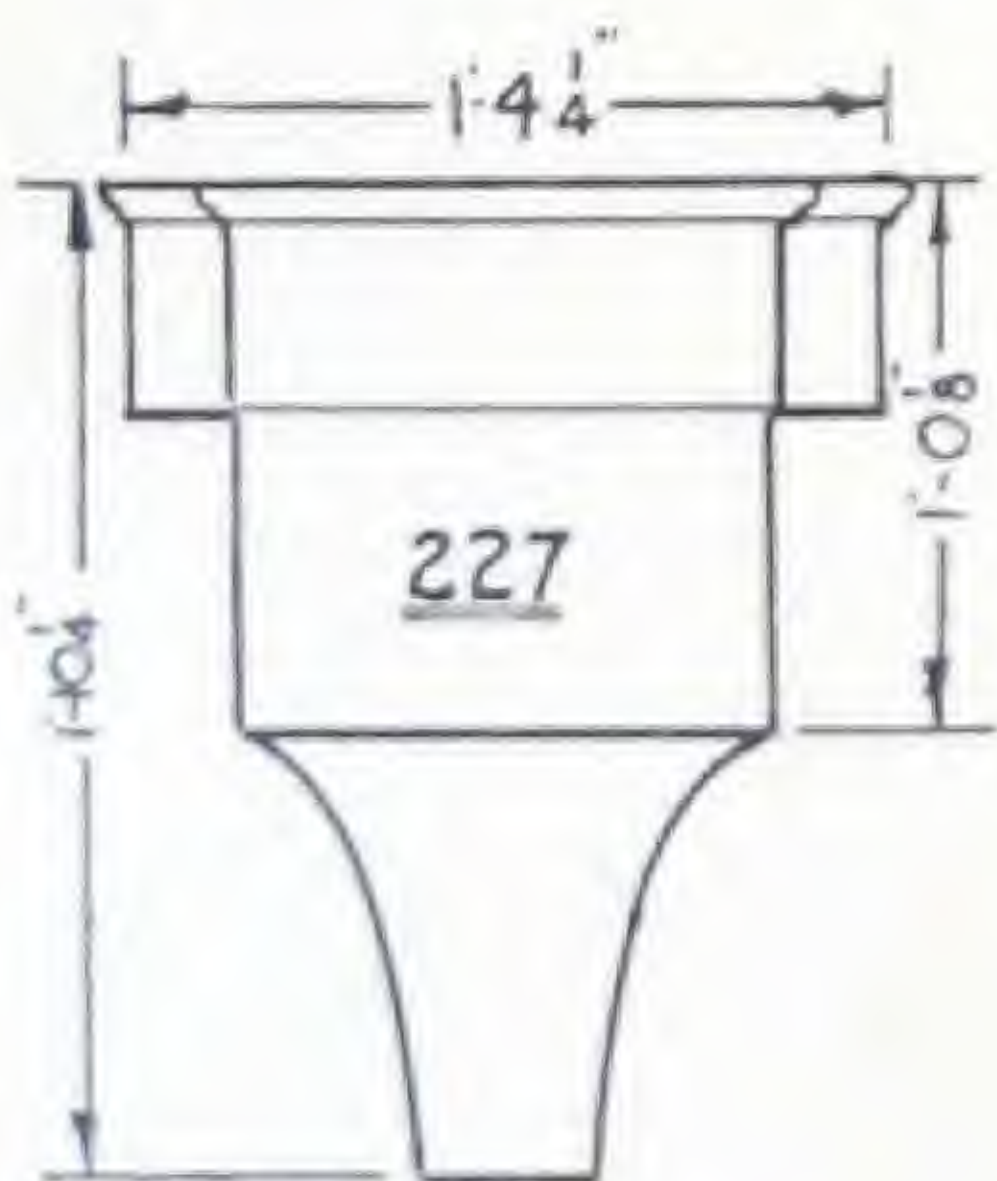
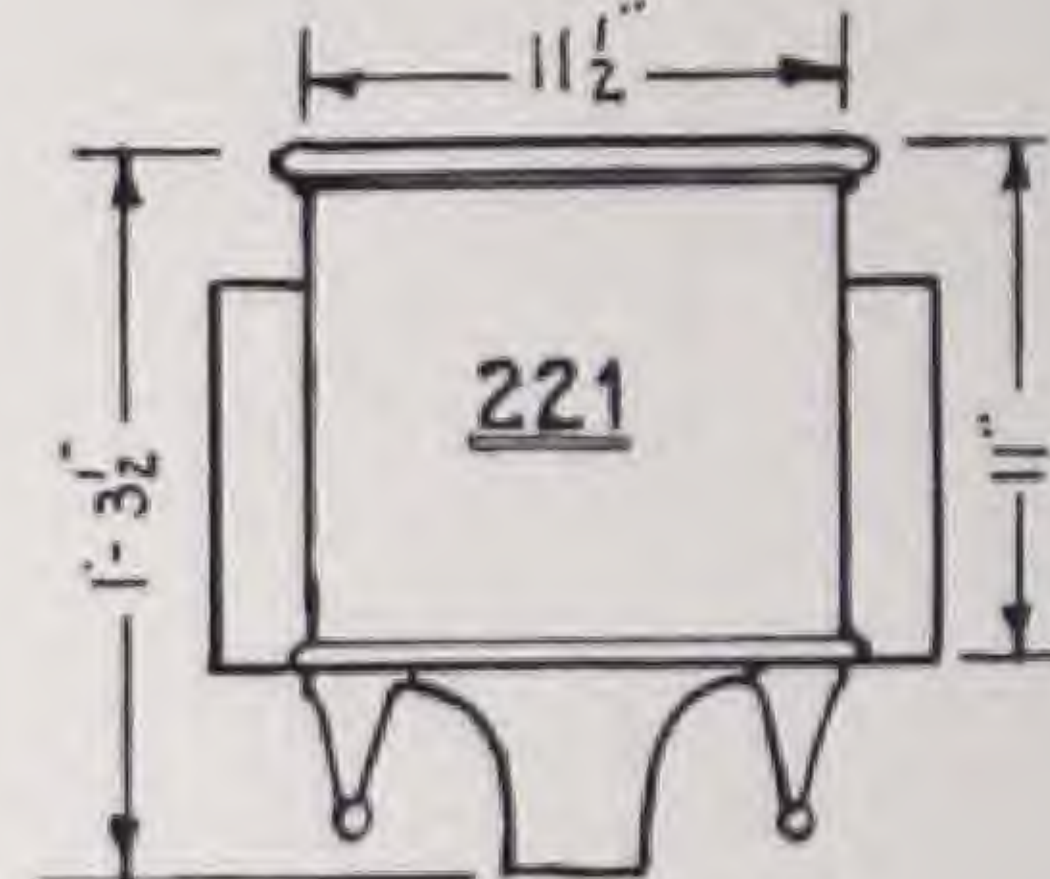
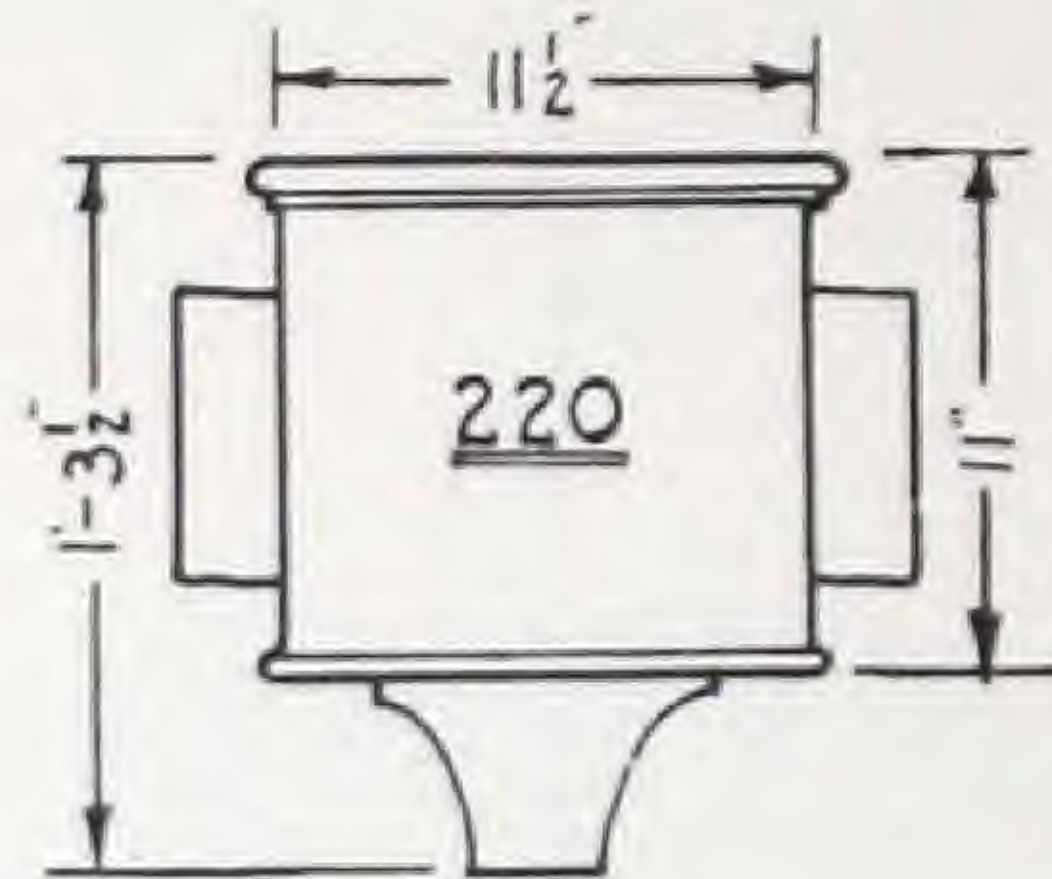
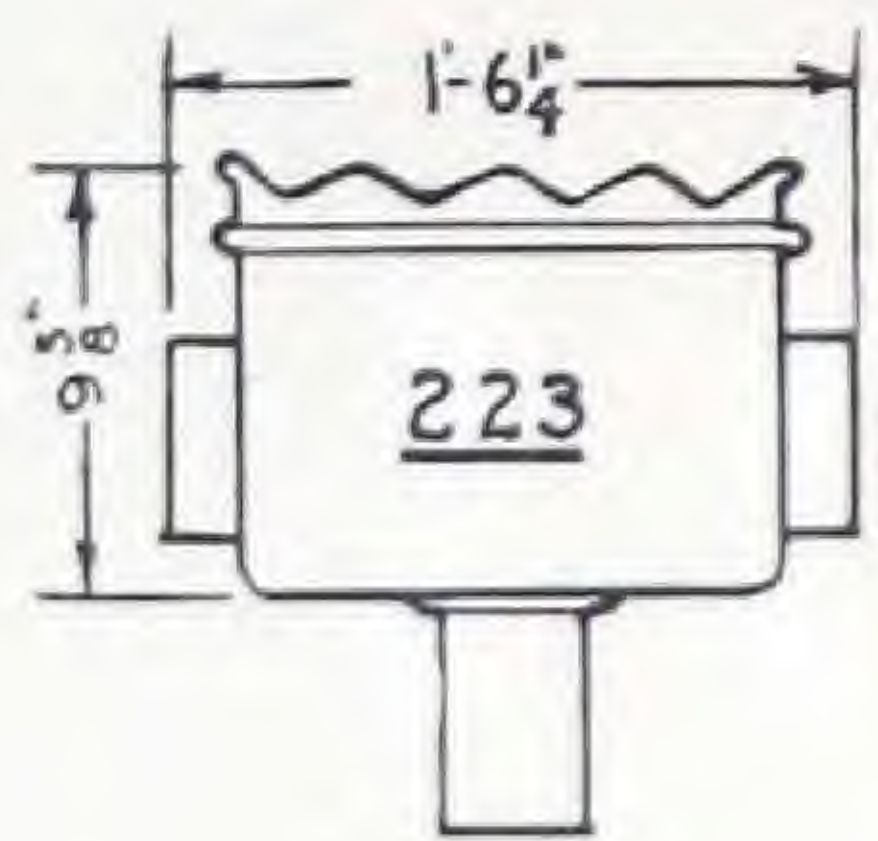
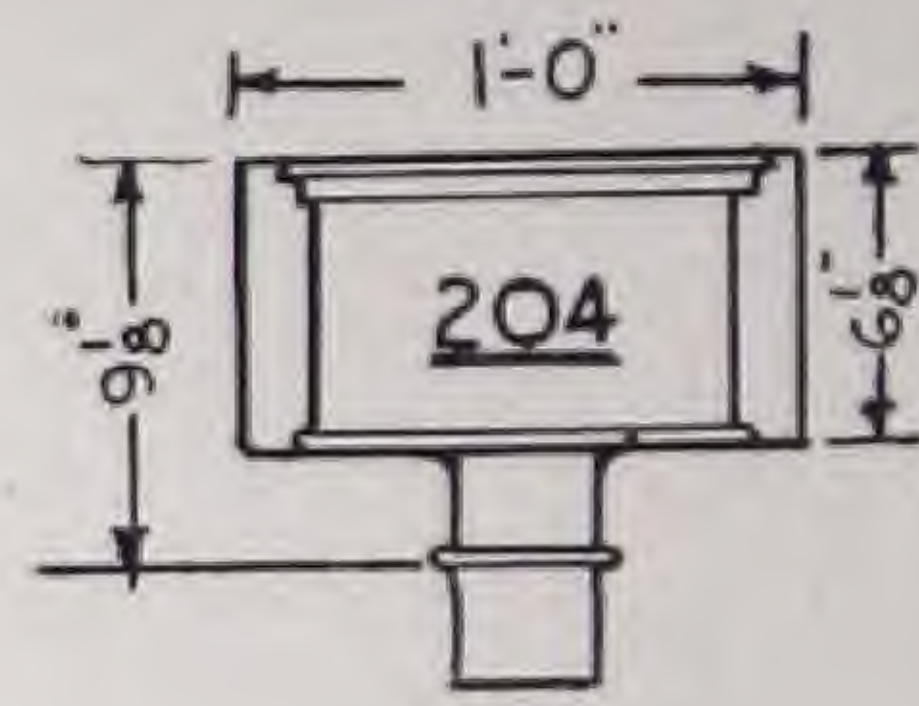
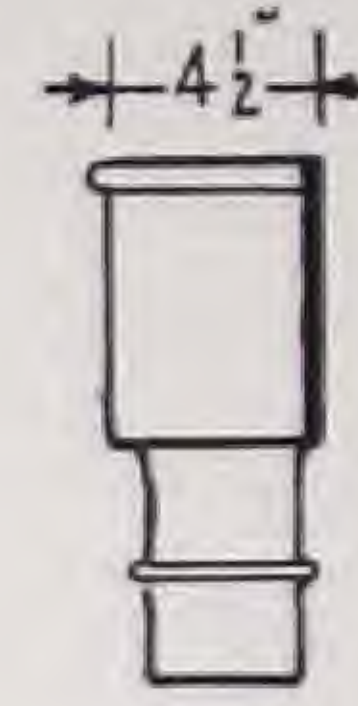
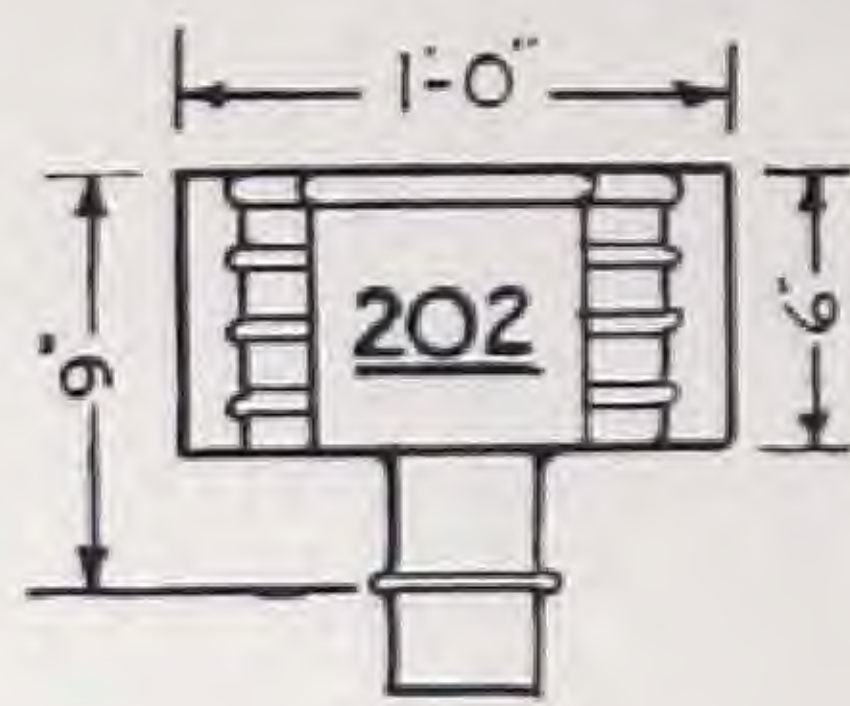
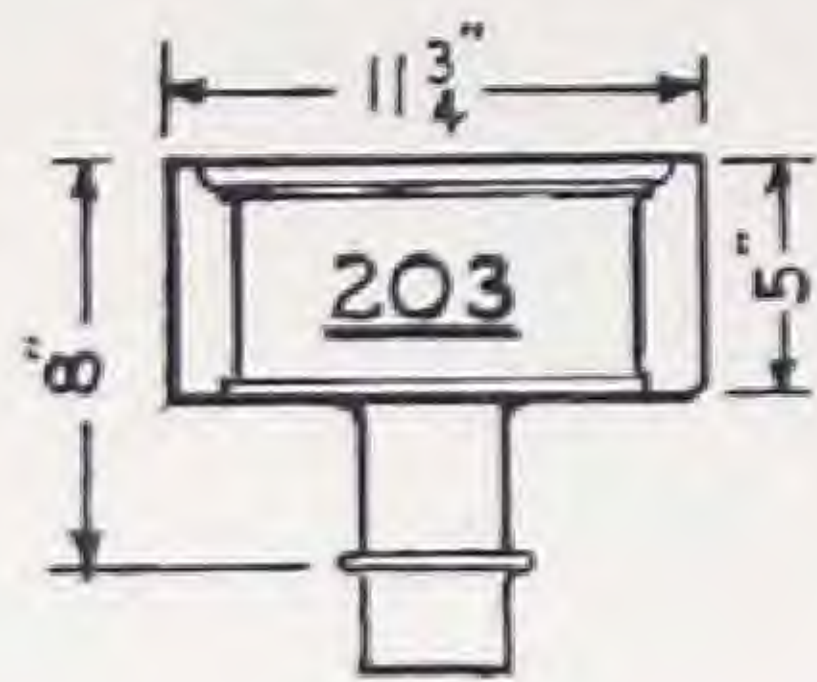


TYPICAL SECTION OF L.C. COPPER LEADER

TYPICAL DETAILS

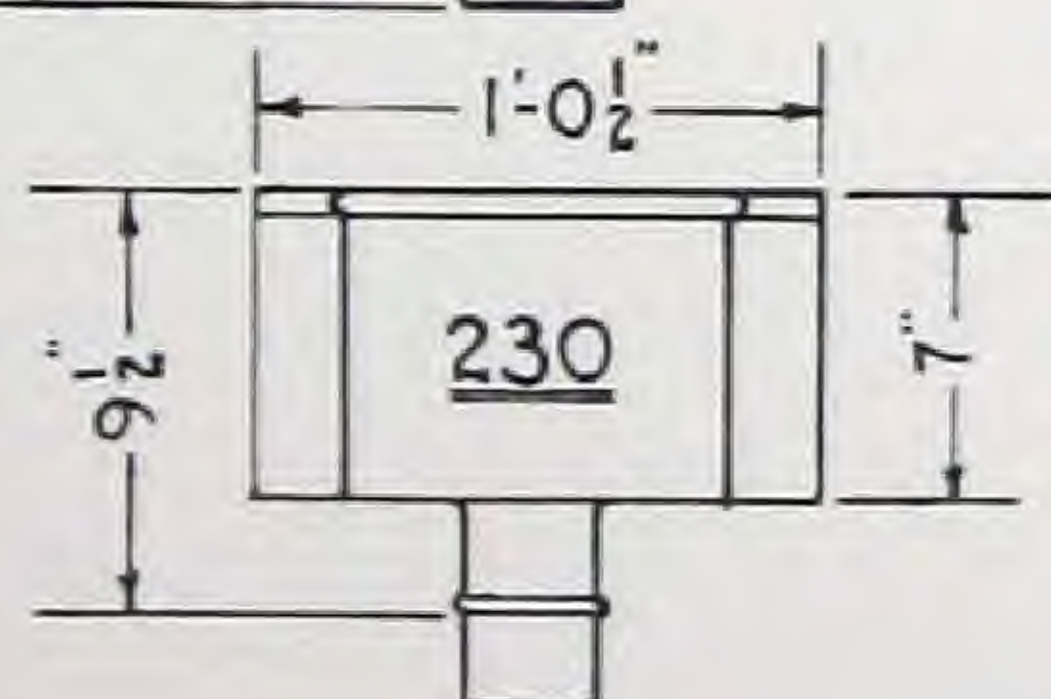
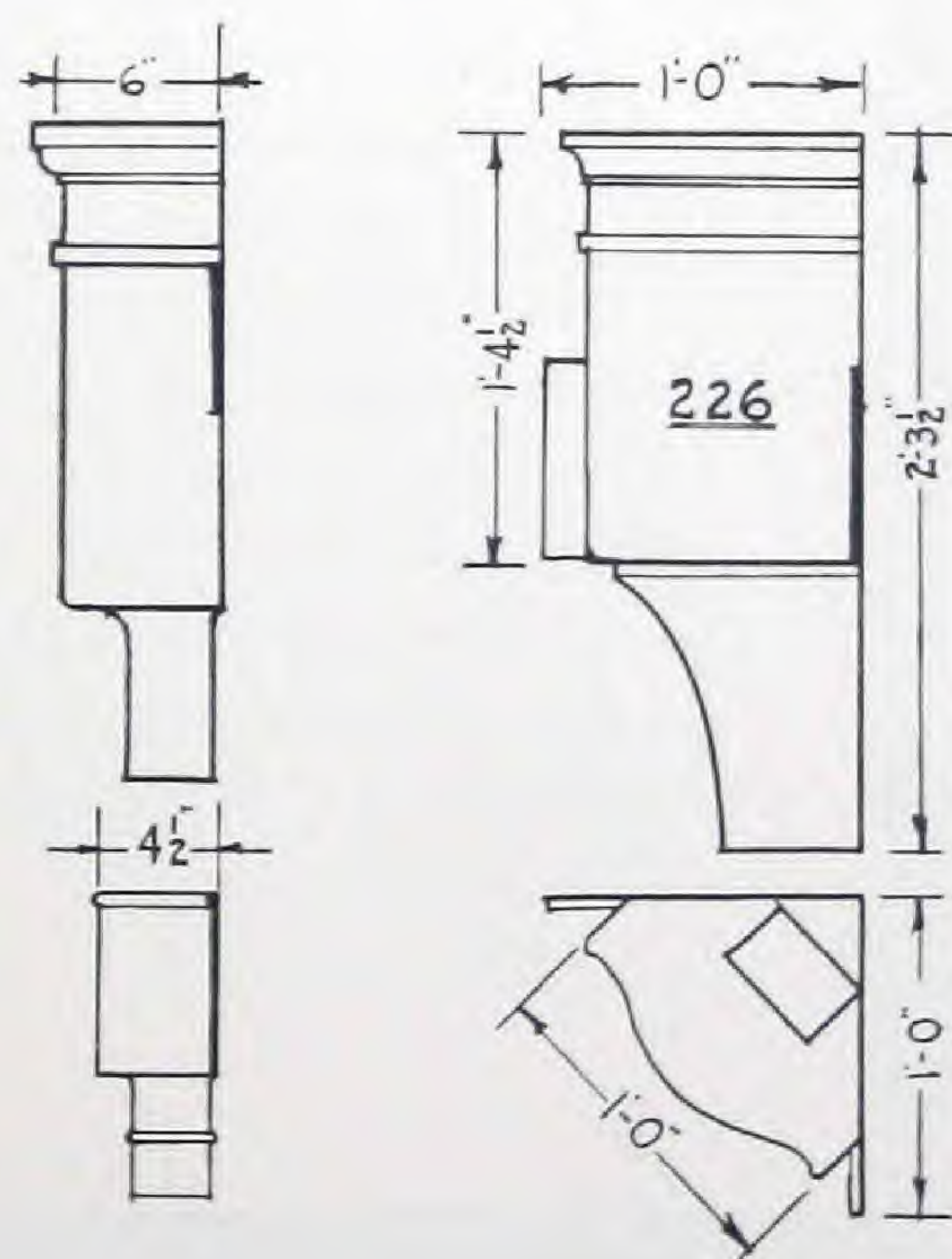
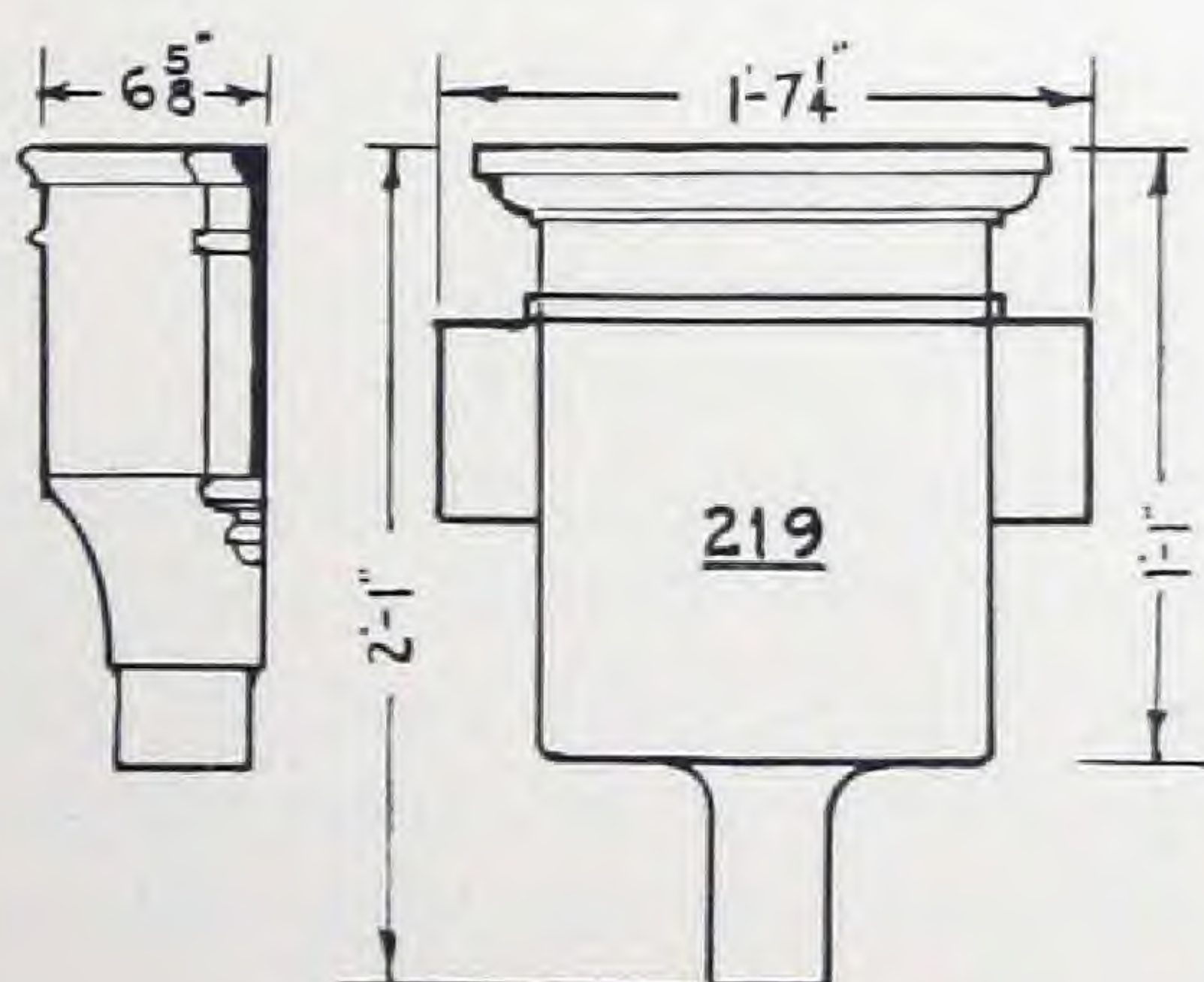
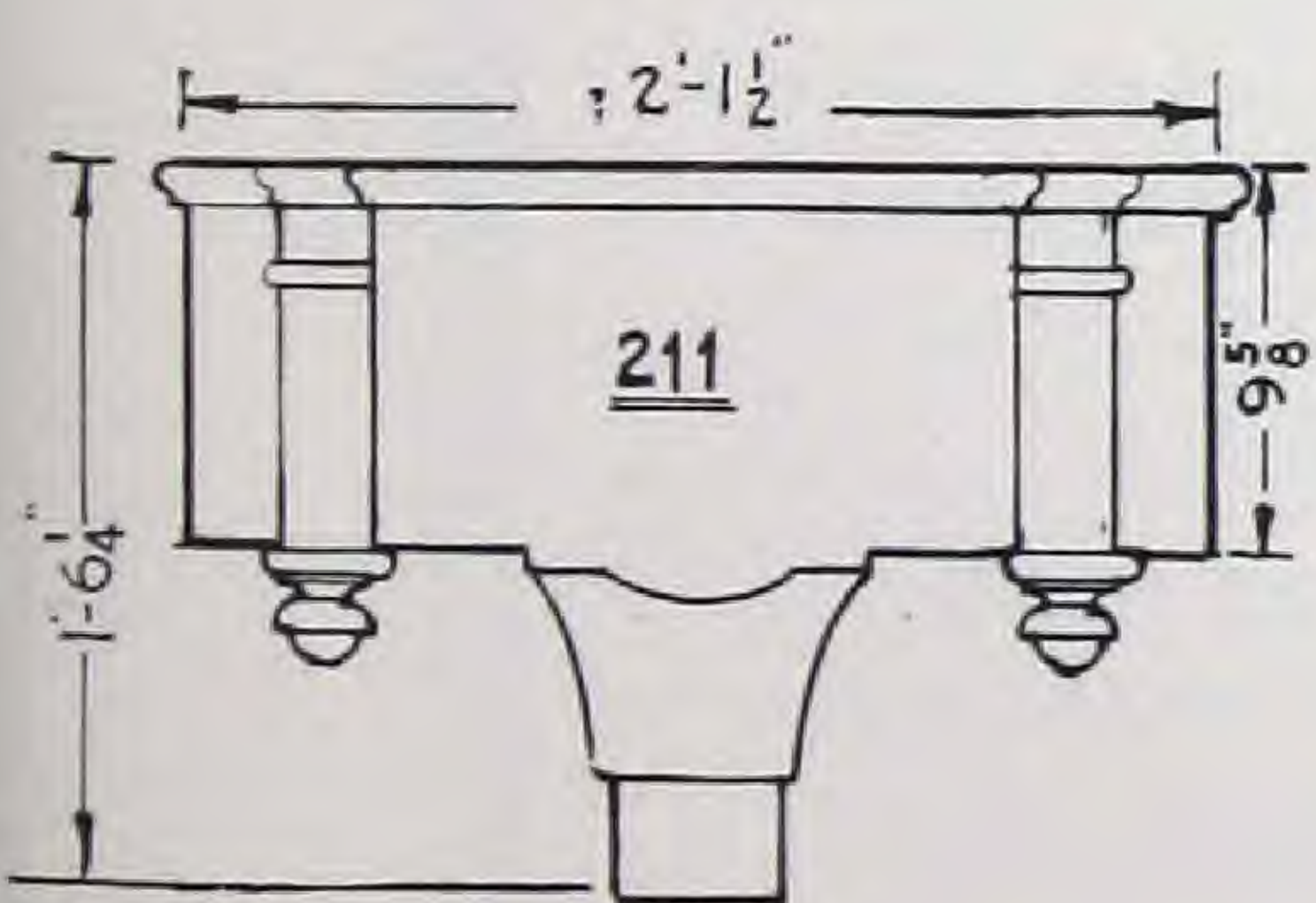
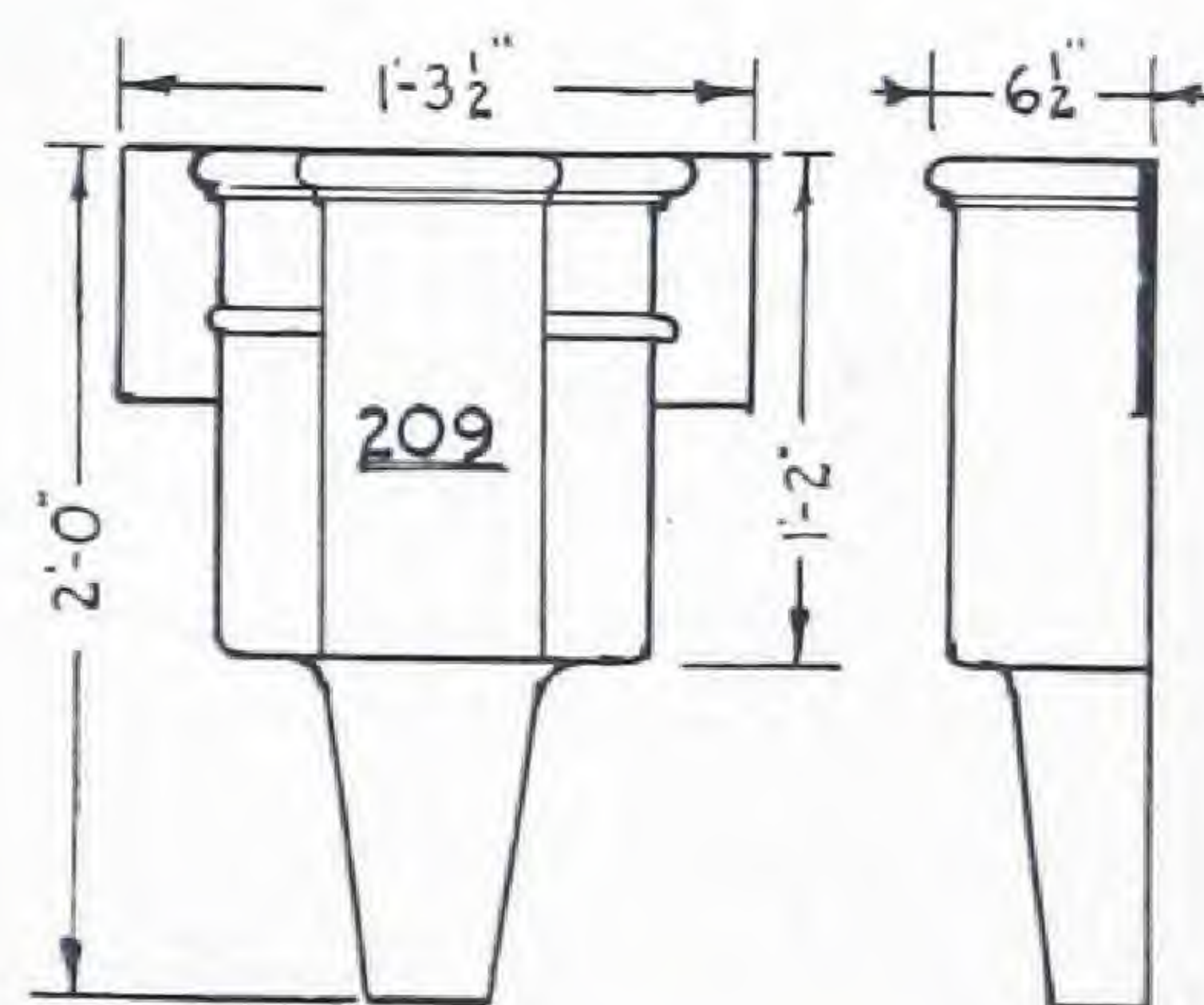
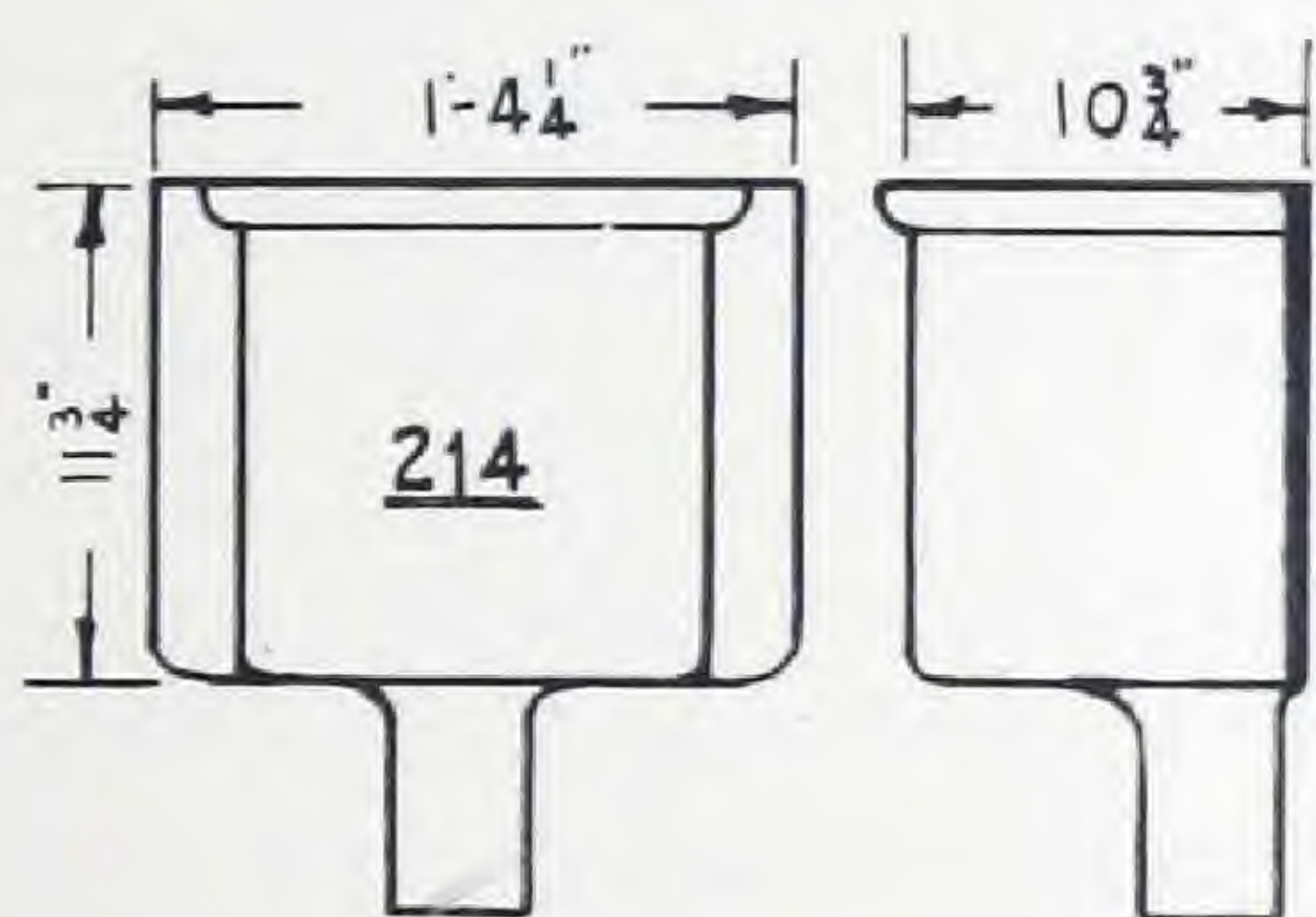
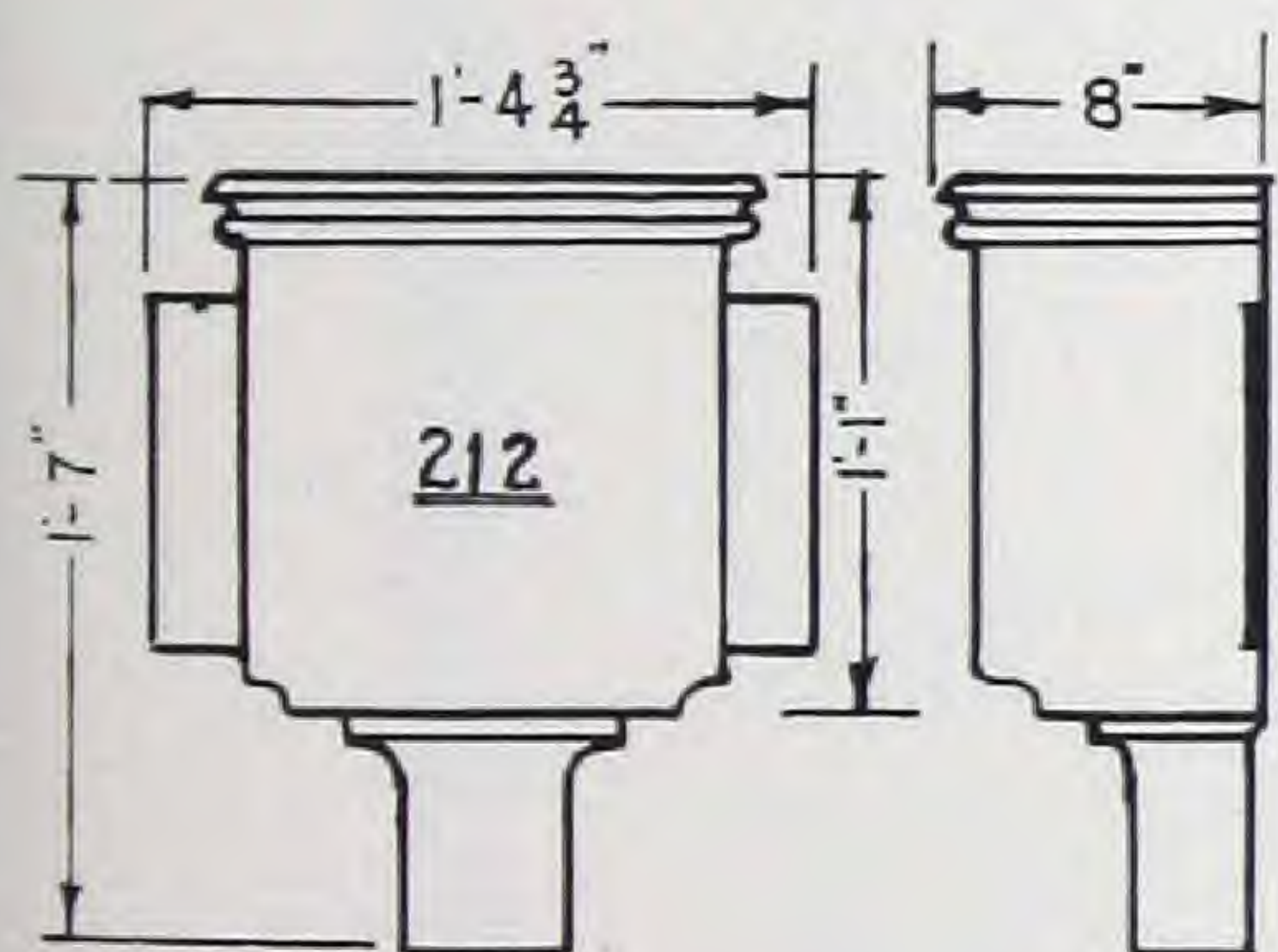
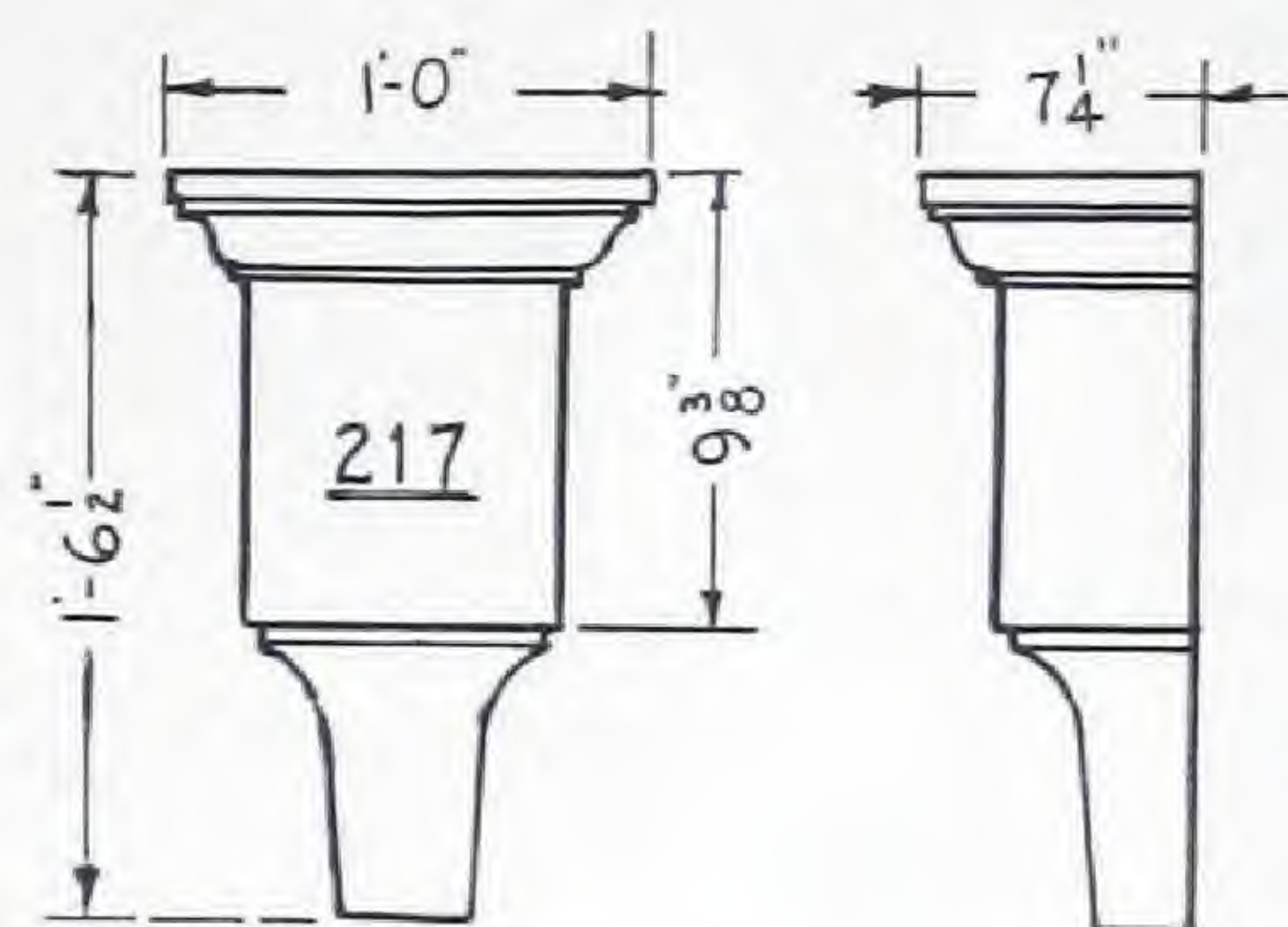
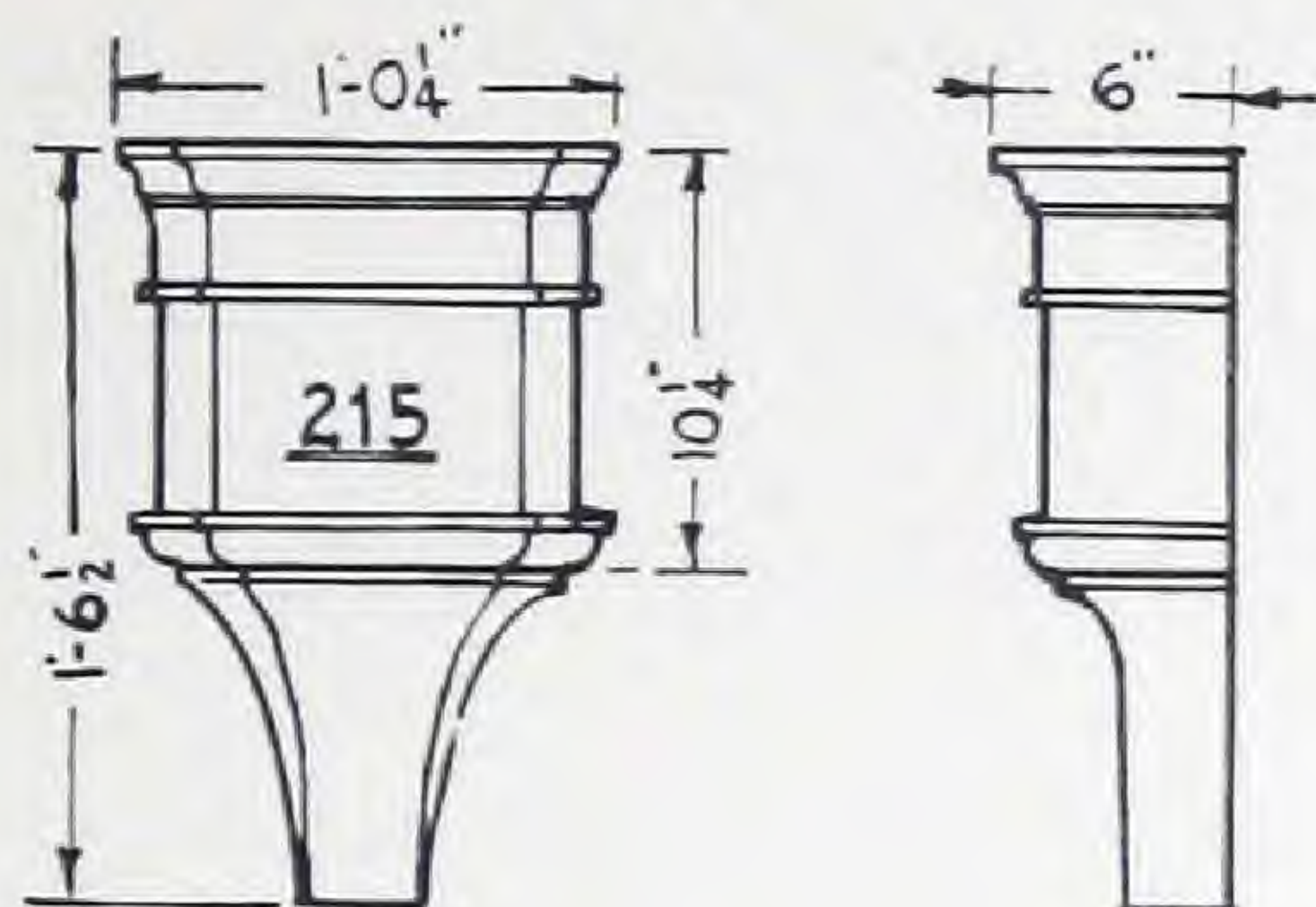
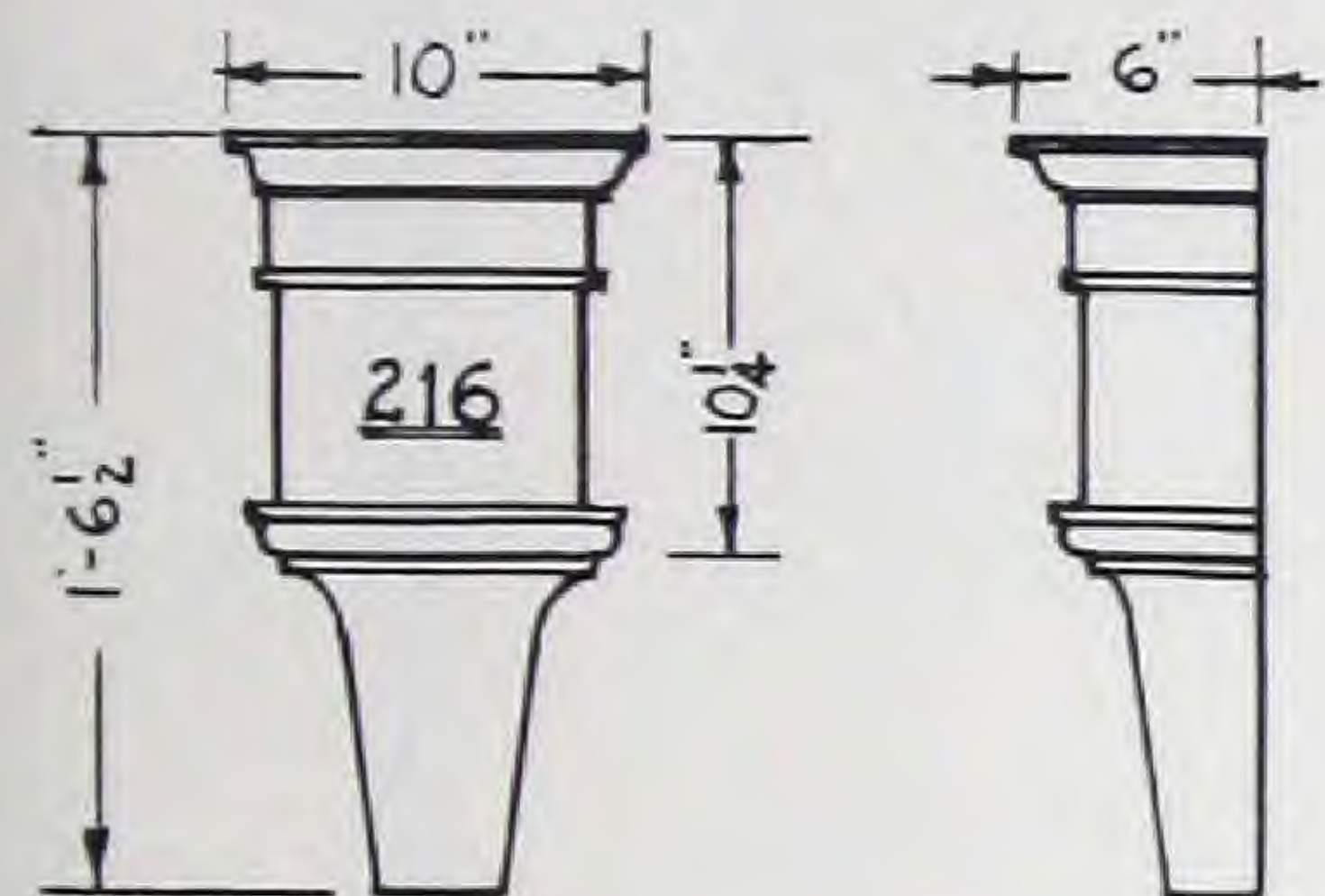
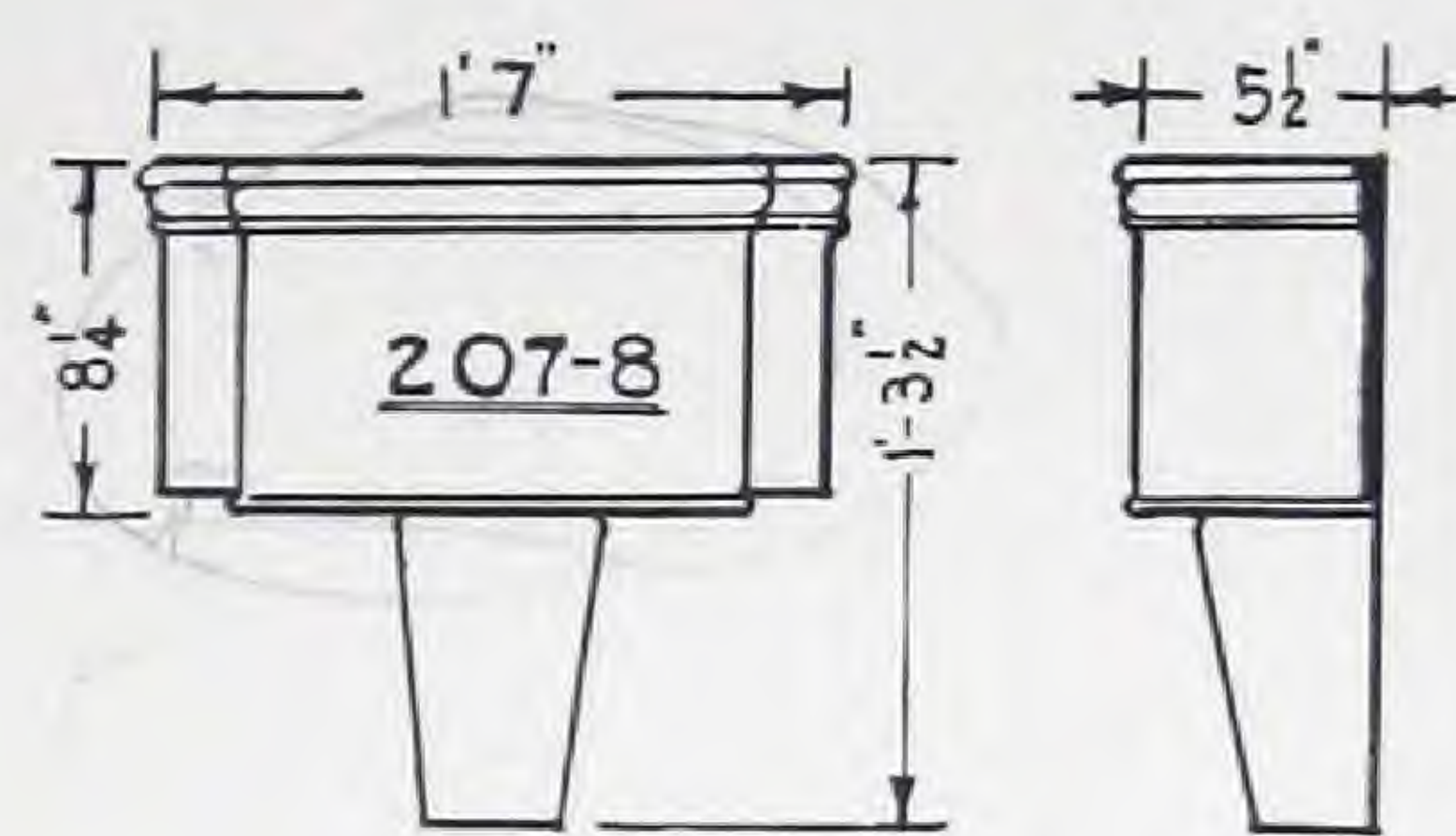
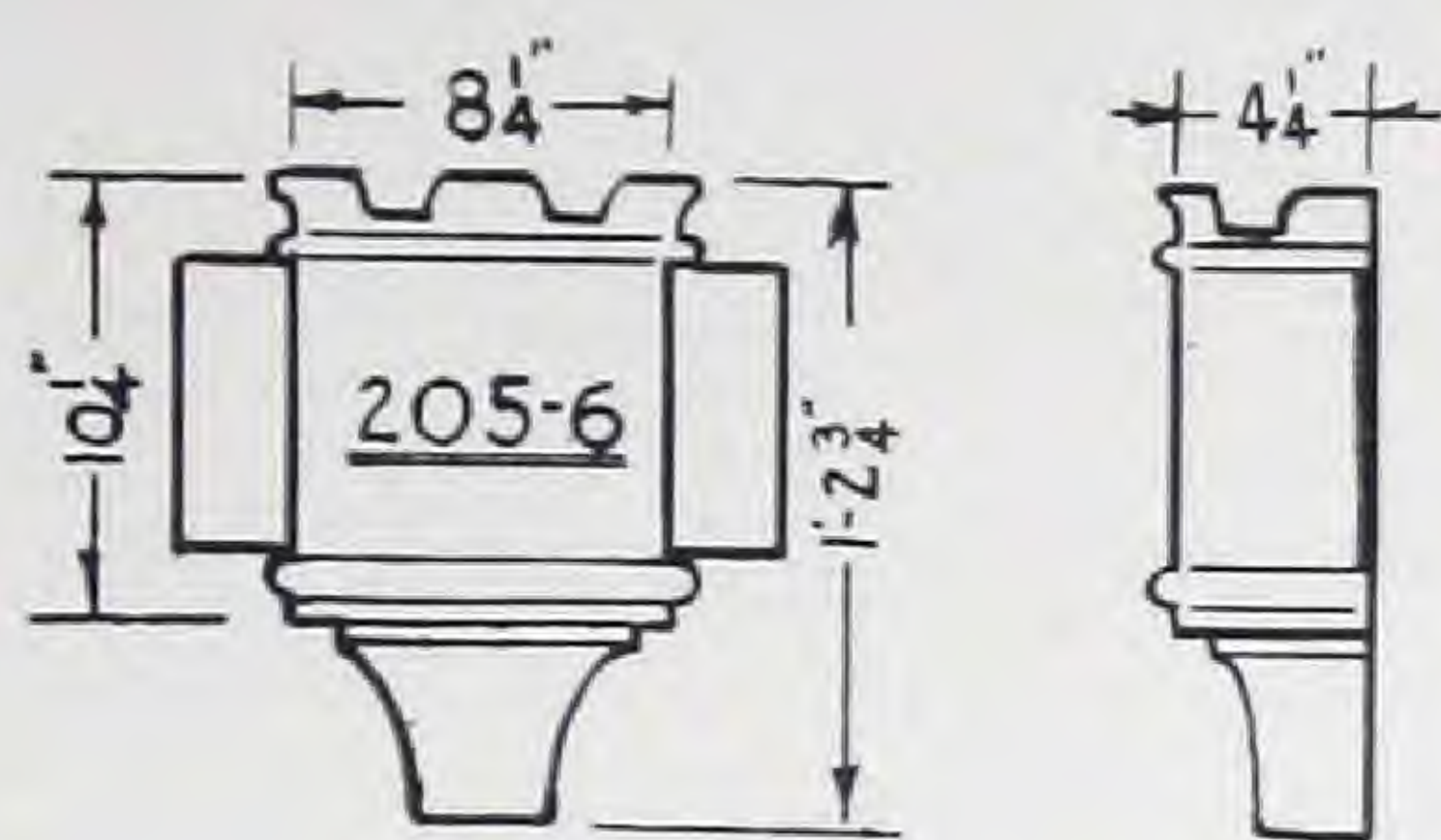
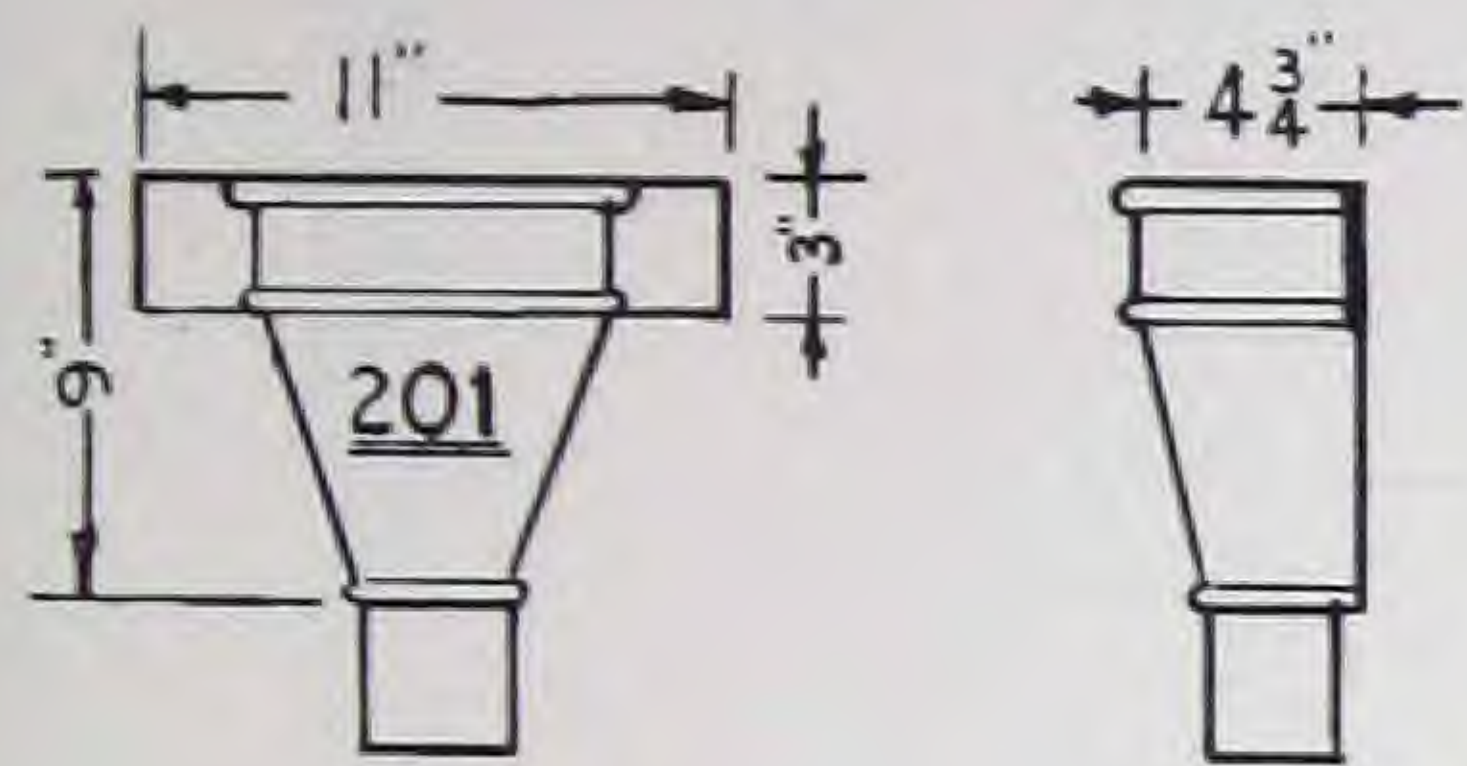
Scale $\frac{3}{4}$ " = 1'-0" & Half Size





OUTLINE DETAILS C

Scale 3/4" = 1'-0"



LEADER-HEAD DESIGNS

SPECIFICATION DATA

LEDKOTE ornamental stamped leaders and gutters are specified by number—the number indicating the ornamental motive which is to be stamped in the surface. To obtain textured appearance as shown in the photographs they must receive an extra heavy coating of lead. Specifications may read as follows:—

Leaders shall be Ledkote Leader No.— size — and shall be 16 oz. cold rolled copper extra heavily coated with not less than 40–50 lbs. of lead per 100 sq. ft. made by Ledkote Products Co., 36–29, 23rd St., Long Island City, New York.

Gutters shall be Ledkote Gutter No.— and shall be extra heavily coated with not less than 40–50 lbs. of lead per 100 sq. ft. made by Ledkote Products Co., 36–29, 23rd St., Long Island City, N. Y.

If a smooth finish lead coating is desired, the architect should specify that leaders and gutters shall be coated with not less than 12–15 lbs. of lead per 100 sq. ft. with a smooth surface.

Ornamental leaders and gutters can be also furnished in stamped plain copper and cast lead.

Leader heads and leader straps are specified by number as follows:—

Leader heads shall be Ledkote Cast-Lead Leader Head No.— securely fastened to the wall (if masonry construction) with lead expansion plugs and lead-headed nails, and shall be made by Ledkote Products Co., 36–29 23rd St., Long Island City, N. Y.

If building is of frame construction, specify that leader heads shall be securely fastened by lead-coated bronze lag screws.

Leader straps shall be Ledkote Cast-Lead Leader Strap No.—.

Cast lead is the preferable material for goosenecks and plinth bends as they will be in one piece and no seams or joints will be visible.

The following specification is recommended:—

Goosenecks (and/or) plinth bends shall be made of cast lead—gracefully curved as required by conditions, and shall be so made that no seams or joints will be visible. Fronts of goosenecks (and/or) plinth bends shall be ornamented with the same design as the stamped lead-coated copper leaders. Goosenecks (and/or) plinth bends shall be made by Ledkote Products Co., 36–29, 23rd St., Long Island City, N. Y.

LEAD-COATED COPPER

WHILE the desirability of specifying lead-coated copper for ornamental products visible on the exterior of buildings is self evident, we cannot too strongly emphasize the necessity and importance of specifying an adequate lead coating for all copper work exposed to the atmosphere, even if concealed from view behind parapet walls.

The ravages of salt-water atmosphere and acid-laden air on plain copper are well known in informed architectural circles.

Architects have come to realize that the cost of repairing even a small portion of sheet-metal work which has failed is far greater than the cost of lead coating all of the sheet copper for the building.

By having all of his sheet-metal work lead coated the architect also gains protection against staining of light-colored materials, such as results from the drippings of plain copper, and avails himself of a sheet-metal product which blends beautifully with all exterior wall and roof finishes.

Lead-coated sheet copper combines the tensile strength and forming facility of copper with the permanence and beauty of lead.

It may be worked and fabricated as readily as plain copper. The method of applying lead-coated copper for roofing and other sheet-metal work is precisely the same as for plain sheet copper, and the same types of seams and solder are used.

In order that the architect who wishes to specify lead-coated copper may be assured of receiving a satisfactory and dependable product, we recommend that he specify outright the product which is recognized as a standard of excellence in its field—"LEDKOTE."

LEDKOTE is superior in merit because the surface is entirely free of copper spots and white acid blotches, and the sheets do not have thick, rough edges which interfere with forming.

The surface of the copper is uniformly coated, and the lead is thoroughly integrated with the copper, *by the hot dip process*, forming a perfect and permanent bond.

On work which is to be painted we furnish a smooth finish, *coated by the hot dip process*, rather than a plated process, thus assuring a complete and reliable bond between the lead and the copper.

Smooth LEDKOTE provides a surface much superior to that of plain copper over which to paint, and the green of the copper will never strike through the paint surface.

LEDKOTE is an ideal product for use in ventilating ducts in physics and chemistry laboratories. Our extra heavy LEDKOTE is the best material for this purpose.

LEDKOTE FINISHES

To secure LEDKOTE it should be specified in one of its six finishes which are as follows:—

Ledkote Standard coated with 12–15 lbs. of lead per 100 sq. ft. with a slightly textured surface suitable for flashings, and material far above the eye, also for leaders, gutters, etc., when rough texture is not important.

Ledkote Heavy coated with 25–30 lbs. of lead per 100 sq. ft. with a much rougher surface and suitable for use on buildings with a long life expectancy.

Ledkote Extra Heavy coated with 40–50 lbs. of lead per 100 sq. ft. with a very rough, beautiful texture suitable for ornamental work and material down near the eye.

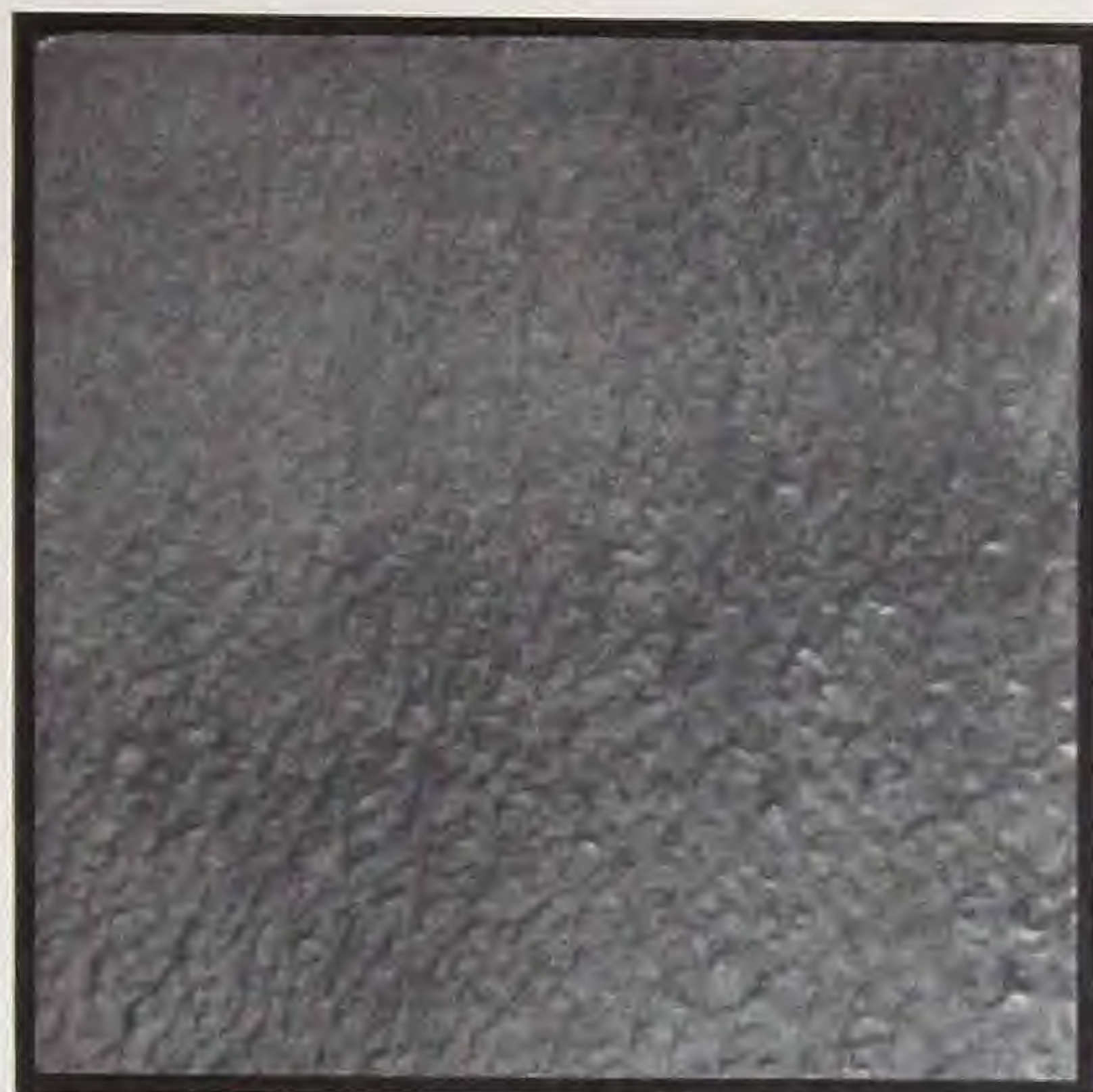
Ledkote Standard Smooth coated with 12–15 lbs. of lead per 100 sq. ft. with a smooth surface suitable for painting.

Ledkote Heavy Smooth coated with 25–30 lbs. of lead per 100 sq. ft. with a smooth surface.

Ledkote Old English coated with approximately 22 lbs. per 100 sq. ft. on exposed side and 6 lbs. per 100 sq. ft. on reverse side with a very coarse, rough surface on exposed side suitable for ornamental work in conjunction with other materials of rough texture.

It is suggested that architects word their specifications substantially as below:—

All copper for exterior sheet-metal work shall be coated on both sides *by the hot dip process* with not less than (12–15), (25–30), (40–50) lbs. of lead per 100 sq. ft. [not less than (6–7½), (12½–15), (20–25) lbs. per side], and shall be (Standard Smooth), (Standard), (Heavy), (Heavy Smooth), (Extra Heavy) Ledkote—as made by Ledkote Products Company.



Ledkote Standard



Ledkote Heavy



Ledkote Extra Heavy



Ledkote Standard Smooth



Ledkote Old English

LEDKOTE INSTALLATIONS

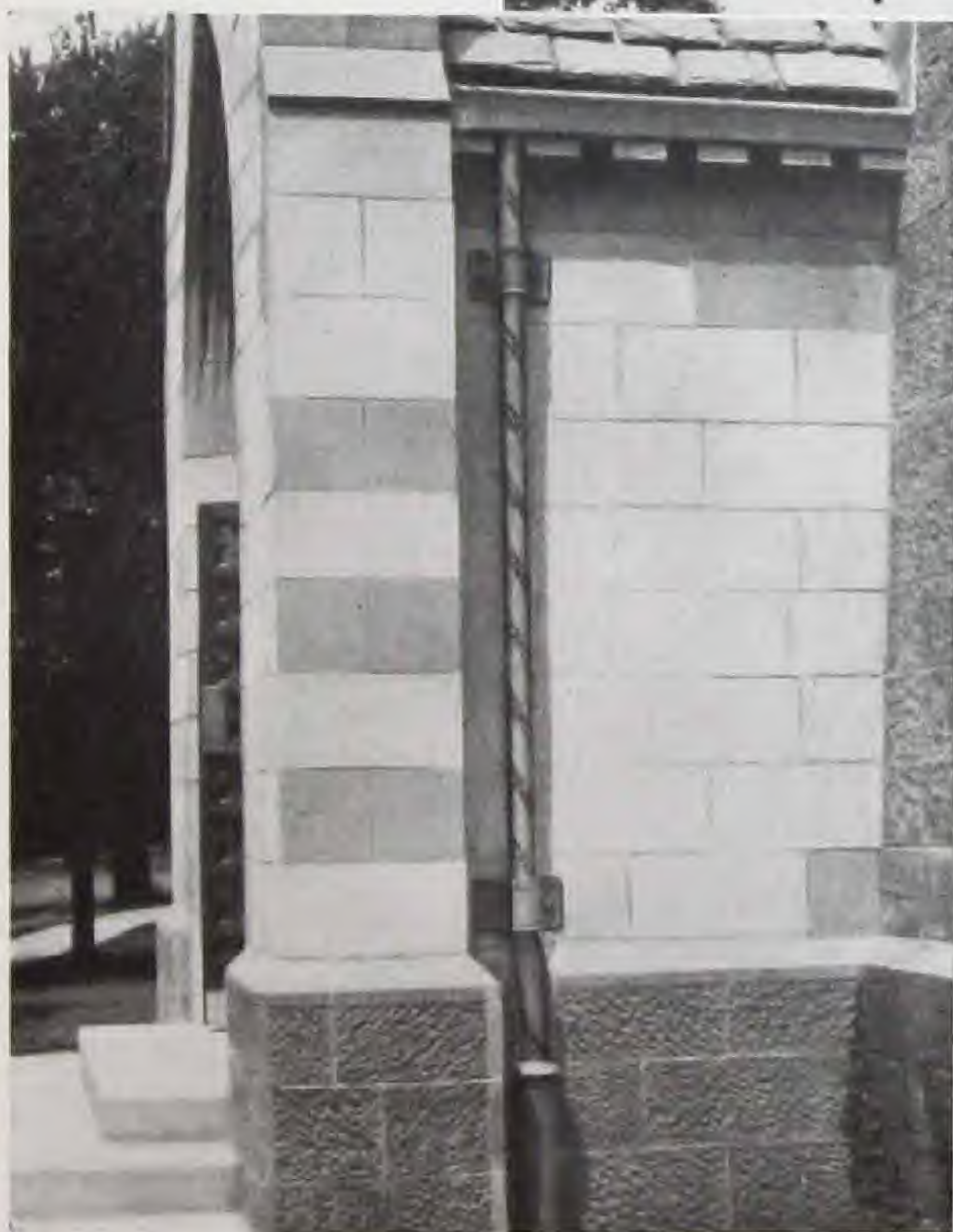


MARYLAND PENITENTIARY, BALTIMORE, MARYLAND.

Architects

Henry G. Perring Company, Baltimore, Md.
90,000 lbs. "Ledkote Heavy" lead-coated
copper were used on this group of buildings.

LEDKOTE INSTALLATIONS



Lead-Coated Copper Spire
CRESCENT AVENUE PRESBYTERIAN
CHURCH
PLAINFIELD, N. J.

Architects
Zantzinger, Borie & Medary
Philadelphia, Pa.

At Left—DETAIL OF WEST ENTRANCE

LEDKOTE INSTALLATIONS



View of the G. T. VOUGHT RESIDENCE showing Cast-Lead Cistern,
Leader Heads and Straps and Stamped Lead-Coated
Copper Leaders and Gutters

LEDKOTE INSTALLATIONS



Cast-Lead Bay Window Executed to Architect's Detail
for the G. T. VOUGHT RESIDENCE
Upper Montclair, N. J.

Architects

Harvey Stevenson & Eastman Studds
New York City

LEDKOTE INSTALLATIONS



Ornamental Lead-Coated Copper Cupola, Bay Window, Leader Heads, etc., are seen above on the addition to the MARCUS L. WARD HOME, Maplewood, N. J.

Architect—John Russell Pope, New York City

ORNAMENTAL STAMPING AND CUSTOM-BUILT LEAD WORK

OUR plant is thoroughly equipped to produce all kinds of ornamental metal stampings in any metal and in accordance with architect's detail.

Included in this type of work are spandrels, facias, finials, circular mouldings, and ornaments of all description.



STAMPED LEAD-COATED COPPER SPANDREL
24" x 48", executed in our plant

We also make a specialty of architectural lead work built to conform with architects' designs, including garden ornaments of all kinds. We invite architects when contemplating this type of work to take advantage of our consultation service.

LEDKOTE INSTALLATIONS

As examples of a few of the representative buildings on which Ledkote has been used we submit the following:—

BUILDING	ARCHITECT
Aetna Life Ins. Bldg., Hartford, Conn.	James Gamble Rogers, N. Y. C.
Havana Capitol Dome, Havana, Cuba	Purdy & Henderson, N. Y. C.
St. Agnes R. C. Church, Rockville Center, N. Y.	Gustave Steinback, N. Y. C.
American Legion Memorial Chapel, Lakewood, N. J.	Paul P. Cret, Phila., Pa.
Add. to Marcus L. Ward Home, Maplewood, N. J.	John Russell Pope, N. Y. C.
Post Office, Phila., Pa.	Rankin & Kellogg, Phila., Pa.
Metropolitan Life Ins. Co., N. Y. C.	D. Everett Waid, N. Y. C.
Bronx County Bldg., N. Y. C.	J. H. Freedlander, N. Y. C.
National Newark Bldg., Newark, N. J.	Ely & Ely, Newark, N. J.
Attica State Prison, Attica, N. Y.	State of New York
St. Inst. for Defective Delinquents, Naponoch, N. Y.	State of New York
American Embassy, Paris, France	Delano & Aldrich, N. Y. C.
Sterling Memorial Library, New Haven, Conn.	James Gamble Rogers, N. Y. C.
Post Office & Courthouse, Newark, N. J.	Wm. E. Lehman, Newark, N. J.
Public Health Service Bldg., Wash., D. C.	J. H. De Sibour, Wash., D. C.
National Archives Bldg., Wash., D. C.	John Russell Pope, N. Y. C.
Rockefeller Center Buildings, N. Y. C.	Reinhard & Hofmeister, N. Y. C.
Inland Terminal Bldg., N. Y. C.	Abbott Merkt, N. Y. C.
Insurance Co. of North America Bldg., N. Y. C.	Shreve, Lamb, & Harmon, N. Y. C.
Girard College, Phila., Pa.	Tilton & Githens, N. Y. C.
House of Rep. Office Bldg., Wash., D. C.	David Lynn, Wash., D. C.
Post Office, Paterson, N. J.	Wentworth & Vreeland, Paterson, N. J.
Post Office, Flushing, N. Y.	Dwight James Baum, N. Y. C.
Post Office, Jamaica, N. Y.	Cross & Cross, N. Y. C.
Maryland Penitentiary	Henry G. Perring Co., Baltimore, Md.
St. Michaels Church, Union City, New Jersey	Maginnis & Walsh, Boston, Mass.
Harvard Univ. Dormitories	Coolidge, Shepley, Bullfinch & Abbott, Boston, Mass.
John Hays Hammond Residence, Gloucester, Mass.	Allen & Collens, Boston, Mass.
High School, Dobbs Ferry, N. Y.	Knappe & Morris, N. Y. C.



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